

PROBLEM ONE – GOLDBLOCKS

ATTEMPT ONE

Input file name: DATA11.txt

Award 10 marks for each exactly correct line. Deduct 10 points one time if any line is not formatted exactly correctly or is not all in lower case.

Award 10 bonus marks if all 10 lines are exactly correct.

```
3 24 23 12 17
24
55 23
23 39 23
42
34 49 49 89 13 3 5
2
12 10 6 10 10 14 6 10
97
2 16 46
```

ATTEMPT TWO

Input file name: DATA12.txt

Award 10 marks for each exactly correct line. Deduct 10 points one time if any line is not formatted exactly correctly or is not all in lower case.

Award 10 bonus marks if all 10 lines are exactly correct.

```
12 20 8 12 17
25
33 90
23 29 23
43
32 20 30 89 94 84 38
2
12 12 12 12 12 12 12 12
98
2 2 4
```

PROBLEM TWO – CALENDAR

ATTEMPT ONE

Input file name: DATA21.txt

Award 10 marks for each exactly correct calendar. Deduct 10 points one time if any calendar is not formatted exactly correctly or is not all in lower case.

Award 10 bonus marks if all 10 calendars are exactly correct.

Sun	Mon	Tue	Wed	Thr	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Sun	Mon	Tue	Wed	Thr	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Sun	Mon	Tue	Wed	Thr	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Sun	Mon	Tue	Wed	Thr	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Sun	Mon	Tue	Wed	Thr	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Sun	Mon	Tue	Wed	Thr	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Sun	Mon	Tue	Wed	Thr	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Sun	Mon	Tue	Wed	Thr	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Sun	Mon	Tue	Wed	Thr	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

Sun	Mon	Tue	Wed	Thr	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

ATTEMPT 2

Input file name: DATA22.txt

Award 10 marks for each exactly correct calendar. Deduct 10 points one time if any calendar is not formatted exactly correctly or is not all in lower case.

Award 10 bonus marks if all 10 calendars are exactly correct.

Sun	Mon	Tue	Wed	Thr	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Sun	Mon	Tue	Wed	Thr	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Sun	Mon	Tue	Wed	Thr	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

Sun	Mon	Tue	Wed	Thr	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Sun	Mon	Tue	Wed	Thr	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Sun	Mon	Tue	Wed	Thr	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Sun	Mon	Tue	Wed	Thr	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Sun	Mon	Tue	Wed	Thr	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Sun	Mon	Tue	Wed	Thr	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Sun	Mon	Tue	Wed	Thr	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

PROBLEM THREE – WORD PLAY

ATTEMPT ONE

Input file name: DATA31.txt

Award 10 marks for each exactly correct word art. Deduct 10 points one time if any word art is not formatted exactly correctly. Award 10 bonus marks if all 10 calendars are exactly correct.

S*S*E
TTV
STEVE
TVV
S*E*E

B.....E
.A.....G.
..Y..D..
...RI...
...RI...
..Y..D..
.A.....G.
B.....E

T----S
-E--I-
--NN--
--NN--
-E--I-
T----S

B~~~~~G
~I~~~~~N~
~~R~~~~I~~
~~~D~~~~H~~~  
~~~~W~~C~~~~  
~~~~~AT~~~~~  
~~~~~AT~~~~~  
~~~~~W~~C~~~~  
~~~D~~~~H~~~  
~~R~~~~~I~~
~I~~~~~N~
B~~~~~G

B _ _ _ B _ _ _ R
_ I _ _ _ I _ _ _ E _
_ R _ _ _ R _ _ _ H _
_ _ _ D _ _ _ D _ _ _ C _ _ _
_ _ _ WWT _ _ _
BIRDWATCHER
_ _ _ WTT _ _ _
_ _ _ D _ _ _ C _ _ _ C _ _ _
_ _ _ R _ _ _ H _ _ _ H _ _ _
_ I _ _ _ E _ _ _ E _ _ _
B _ _ _ _ _ _ R _ _ _ _ _ _ R

TTE
THE
TEE

I

P>>>>N
>A>>A>
>>CM>>
>>CM>>
>A>>A>
P>>>>N

AS
AS

W^^^^^!
^A^^^^O^
^^Y^^G^^
^^^TO^^^
^^^TO^^^
^^Y^^G^^
^A^^^^O^
W^^^^^!

ATTEMPT TWO

Input file name: DATA32.txt

Award 10 marks for each exactly correct word art. Deduct 10 points one time if any word art is not formatted exactly correctly. Award 10 bonus marks if all 10 calendars are exactly correct.

T****P
*I**O*
PT
PT
*I**O*
T****P

R..R..R
.A.A.A.
..CCC..
RACECAR
..CCC..
.A.A.A.
R..R..R

L-L-E
-OOS-
LOOSE
-OSS-
L-E-E

L~~~L~~~C
~A~~~A~~~I~
~~P~~P~~P~~
~~~R~R~O~~~  
~~~~OOC~~~~  
LAPROSCOPIC
~~~~OCC~~~~  
~~~R~O~O~~~  
~~P~~P~~P~~
~A~~~I~~~I~
L~~~~C~~~~C

L_____E
A_____P
P_____O
R_____C
OS
OS
R_____C
P_____O
A_____P
L_____E

AAD
AND
ADD

A

D>>>>>L
>O>>>>L>
>>O>>E>>
>>>RB>>>
>>>RB>>>
>>O>>E>>
>O>>>>L>
D>>>>>>L

OF
OF

D^^D^^L
^O^O^I^
^^GGA^^
DOGTAIL
^^GAA^^
^O^I^I^
D^^L^^L

PROBLEM FOUR – TRUCKER RULES

ATTEMPT ONE

Input file name: DATA41.txt

Award 10 marks for each exactly correct line. Deduct 10 points one time if any line is not formatted exactly correctly or is not all in lower case. Award 10 bonus marks if all 10 lines are exactly correct.

64
4096
0
2
8189
1941
206
1048575
46
1

ATTEMPT TWO

Input file name: DATA42.txt

Award 10 marks for each exactly correct line. Deduct 10 points one time if any line is not formatted exactly correctly or is not all in lower case. Award 10 bonus marks if all 10 lines are exactly correct.

144
1062882
0
9
8189
3455
43
262143
66
1

PROBLEM 5 – Irregular Expressions

ATTEMPT ONE

Input file name: DATA51.txt

Award 10 marks for each exactly correct line. Deduct 10 points one time if any line is not formatted exactly correctly or is not all in lower case.

Award 10 bonus marks if all 10 lines are exactly correct.

```
false false true true false
false false true true true
false true true true false
false true true false true
false true false true false
false false false false false
true true false true false
true false true true false
true false false true false
false false false false false
```

ATTEMPT TWO

Input file name: DATA52.txt

Award 10 marks for each exactly correct line. Deduct 10 points one time if any line is not formatted exactly correctly or is not all in lower case.

Award 10 bonus marks if all 10 lines are exactly correct.

```
false false true false false
true false false true false
false true true false false
true true true true true
true true true false false
false true true false true
false false true true true
true false false true true
false false true true true
true false false false false
```

PROBLEM 6 – WHAT LIES AHEAD

ATTEMPT ONE

Input file name: DATA61.txt

Award 10 marks for each exactly correct line. Award 10 bonus marks if all 10 lines are correct.

TFFFT
FTTFF
TTTTT
TFTFT
FFTFT
FTFFF
FTTTT
TFFTF
TTFFT
FTTFF

ATTEMPT TWO

Input file name: DATA62.txt

Award 10 marks for each exactly correct line. Award 10 bonus marks if all 10 lines are correct.

TTTFF
TFTTT
TFFFT
TTTTF
FFFFF
FFTFF
TTFFT
TTFFF
TTFFF
TTTTF