

FOR LOOP - outputs			
a=7 for i in 7: print(a)	for i in range(0,2,-1): print("Hello")	for i in range(5,10): print(i)	for i in range(0,10,3): print(i)
for i in range(-10,-100,-30): print(i)	for i in range(5): print(i,2**i)	for i in range(21,-1,-2): print(i)	for i in range(-8,-5): print(i+1)
for i in range(11,3,-1): print(i)	for i in range(2): print(i,end=" ") for i in range(4,6): print(i,end=" ")	for i in range(5): x+=1 print(x)	for i in range(3): print("a")
x="123" for i in x: print(i)	for i in "pythonapsdk": print(i)	i=2 for x in range(i): x+=1 print(x) print(x)	for i in "python": print(i,end=' ')
i=2 for x in range(i): i+=1 print(i) print(i)	for i in "Myblog": print(i,'?')	i=2 for x in range(i): x+=1 print(x) print(x)	for i in "python": print(i,end='?')
s1="pythonapsdk.blogspot.com" c=0 for i in s1: if(i!='l'): c=c+1 print(c)	for i in range(1,5): for j in range(1,i+1): print(j,end=" ") print()	for i in range(4,0,-1): for j in range(i): print("*",end=" ") print()	s1="pythonapsdk.blogspot.com" s2=" " s3=" " for i in s1: if(i=="s" or i=="n" or i=="p"): s2+=i print(s2,end=" ") print(s3)

Q1 To display the integers from 1 to 10.

Q2. To print 2 digits even natural numbers.

Q3. To print 2 digits even natural numbers in reverse order.

Q4. To display odd numbers, exact multiples of 5, in the range 20 to 40.

Q5. To input 5 numbers from the user and display their average.

Q6. WAP that print the factorial of a no...e.g. 10

Q7. WAP that print the factorial of a no from 1 to 10

Q8. WAP $n^2 n^3 n^4 n^5 \dots n^n$

Q9. WAP to display the n terms of series and their sum. (a) $1 + 1/2 + 1/3 + 1/4 + 1/5 \dots 1/n$

(b) $1 + 1/2^2 + 1/3^2 + 1/4^2 + 1/5^2 \dots 1/n^2$ (c) $1 + 1/2^2 + 1/3^3 + 1/4^4 + 1/5^5 \dots 1/n^n$

Q10 Accept a number from the user and display its table in the following format: 7x1=7

Q11. Write a program to check whether a number accepted from user is prime or not.

WHILE LOOP

i=8 while True: if (i%3==0): break print("A")	x="Welcome to my file" j="i" while j in x: print(j)	i=0 while i<3: print(i) i=i+3 else: print(0)	j=12 c=9 while(j): if(j<5): c=c+j-2 j=j-1 else: break print(j,c)
---	--	---	--

i=9 while True: if (i%3==0): break print("A")	a=7 b=5 while(a<9): print(a+b) a+=1	i=0 while i<3: print(i) i=i+1 print(0)	x=5 while(x<15): print(x**2) x+=3
i=100 while i<57: print(i) i=i+5	x=15 while(x==15): print("Hello") x=x-3	i=100 while i>57: print(i+1) i+=5	WAP to display all the numbers which are divisible by 11 but not by 2 between 100 and 500
WAP to print prime numbers that fall between two numbers including both numbers (accept two numbers from the user)	ans n1=int(input("enter no1")) n2=int(input("enter no2")) for i in range(n1,n2+1): f=0 for j in range(2,i): if(i%j==0): f=1 if(f==1): print("not prime",i) else: print("prime",i)	WAP to display sum of odd numbers and even numbers that fall between 12 and 37(including both numbers)	How many times the following loop execute? c=0 while c<20: c+=2 convert the following loop into for loop x=4 while(x<=8): print(x*10) x+=2

code to print the following pattern			
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	for i in range(1,6): for j in range(1,i+1): print("1",end=" ") print()	55555 4444 333 22 1	n = 5 for i in range(n, 0, -1): for j in range(1, i + 1): print(i, end="") print()
1 1 2 1 2 3 1 2 3 4 1 2 3 4 5	for i in range(1,6): for j in range(1,i+1): print(j,end=" ") print()	11111 2222 333 44 5	for i in range(1, 6): for j in range(6 - i): print(i, end="") print()
1 2 2 3 3 3 4 4 4 4 5 5 5 5 5	for i in range(1,6): for j in range(1,i+1): print(i ,end=" ") print()	12345 1234 123 12 1	n = 5 for i in range(n, 0, -1): for j in range(1, i + 1): print(j, end="") print()
5 4 4 3 3 3 2 2 2 2 1 1 1 1 1	for i in range(5,0,-1): for j in range(5,i-1,-1): print(i ,end=" ") print()	54321 5432 543 54 5	for i in range(1, 6): for j in range(5, i - 1, -1): print(j, end="") print()
5 5 4 5 4 3 5 4 3 2 5 4 3 2 1	for i in range(5,0,-1): for j in range(5,i-1,-1): print(j ,end=" ") print()	* * * * * * * * * * * * * * *	for i in range(1,6): for j in range(i,i+1): print("*" ,end=" ") print()
1 2 3 3 4 5 4 5 6 7 5 6 7 8 9	for i in range(1,6): for j in range(i,i+1): print(j ,end=" ") print()	1 2 1 3 2 1 4 3 2 1 5 4 3 2 1	for i in range(1,6): for j in range(i,0,-1): print(j ,end=" ") print()