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blue ~~~8>~ 0 1;
yellow ~~~8>~ 0 2;
green ~<8~~~ 0 0;
log green;
if green == 0 then
    blue ~~~8>~ 0 3;
    yellow ~~~8>~ 0 4;
    green := 1;
    green ~~~8>~ 0 0;
    return "";
else
    if green == 1 then
        green ~<8~~~ 0 3;
        red ~<8~~~ 0 4;
        green := blue - green;
        red := yellow - red;
        green ~~~8>~ 0 5;
        red ~~~8>~ 0 6;
        green := 2;
        green ~~~8>~ 0 0;
        slide {moveToCourse};
    else
        if green == 2 then
            slide {moveToCourse};
        else
            slide {moveOnCourse};
        fi;
    fi;
fi;

{myReturn}
if banana == "R" then
    green ~<8~~~ 0 5;
    yellow ~<8~~~ 0 6;
    blue := (0 - yellow);
    green ~~~8>~ 0 6;
    blue ~~~8>~ 0 5;
else
    if banana == "L" then
        green ~<8~~~ 0 5;
        yellow ~<8~~~ 0 6;
        blue := (0 - green);
        yellow ~~~8>~ 0 5;

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        blue ~~~8>~ 0 6;
    fi;
fi;
if banana == "" then
    blue ~<8~~~ 0 1;
    yellow ~<8~~~ 0 2;
    green ~<8~~~ 0 5;
    red ~<8~~~ 0 6;
    blue := blue + green;
    yellow := yellow + red;
    apple ~<8=== blue yellow;

    if apple == "B" then
        banana := " ";
    fi;
fi;
return banana;

{moveToCourse}
green ~<8~~~ 0 5;
red ~<8~~~ 0 6;
blue ~<8~~~ 0 1;
yellow ~<8~~~ 0 2;
if blue <> 2 then
    if green < 0 then
        banana := "";
        slide {myReturn};
    fi;
    if green == 1 then
        banana := "R";
        slide {myReturn};
    fi;
    if red == 1 then
        banana := "R";
        slide {myReturn};
    fi;
    if (red + 1) == 0 then
        banana := "L";
        slide {myReturn};
    fi;
else
    banana := "R";

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        green := 3;
        green ~~~8>~ 0 0;
        slide {myReturn};
    fi;
    {moveOnCourse}

    blue ~<8~~~ 0 1;
    yellow ~<8~~~ 0 2;
    green ~<8~~~ 0 0;
    red ~<8~~~ 0 6;
    if green == 3 then
        if blue == 1 then
            if yellow == 2 then
                green := 5;
                green ~~~8>~ 0 0;
                banana := "R";
                slide {myReturn};
            fi;
            banana := "";
            slide {myReturn};
        fi;
        if yellow < 4 then
            if yellow == 2 then
                green := 4;
                green ~~~8>~ 0 0;
            fi;
            banana := "L";
            slide {myReturn};
        fi;
        banana := "";
        slide {myReturn};
    fi;
    if green == 4 then
        if yellow > 16 then
            if yellow == 18 then
                green := 3;
                green ~~~8>~ 0 0;
            fi;
            banana := "R";
            slide {myReturn};
        fi;
        banana := "";
        slide {myReturn};
    fi;

```

```
fi;  
if green == 5 then  
  if blue == 27 then  
    green := 4;  
    green ~~~8>~ 0 0;  
    banana := "R";  
    slide {myReturn};  
  fi;  
  banana := "";  
  slide {myReturn};  
fi;  
slide {myReturn};  
.
```