When m becomes equal to or lesser than n, hence m >= n is the terminating condition of the while loop.

The loop has executed 30 times.

The condition m>n has been checked 30 times.

First time : m = 30 and n = 0, this time the condition is true, so loop is executed.

Second time : m = 29, and n = 1. Again the condition is true, so the loop is executed.

Third time : m = 28 and n = 2. Again the condition is true so the loop is executed.

Fourth time : m = 27 and n = 3. Now the condition is false, hence the loop is not executed.

Execute this program till m=15, n=15.

Therefore this is the last time the condition m>n is checked in the program.

Please construct flowchart of the above program.

And write down c code for this program.

```
#include <stdio.h>

void main()

{

char operator;

int num1,num2;

printf("\n Enter the operator (+, -, *, /):");

scanf("%c",&operator);

printf("\n Enter the Two numbers:");

scanf("%d%d",&num1,&num2);

switch (operator)

{

case '+':

printf("%d+%d=%d",num1,num2,num1+num2);

break;

case '-':

printf("%d-%d=%d",num1,num2,num1-num2);
```

```
break;

case '*':

printf("%d*%d=%d",num1,num2,num1*num2);

break;

case '/':

printf("%d / %d = %d",num1,num2,num1/num2);

break;

default:

printf("\n Enter the operator only");

break;



}

}
```

```
#include <stdio.h>


int main()

{

printf("B=BURGER\nF=FRENCH FRY\nP=PIZZA\nS=SANDWICHES\n");


char ss;

int n,x;

scanf("%c",&ss);


switch(ss)

{

case 'B':

scanf("%d",&n);

x= n*200;

printf("Burger=Rs %d",x);
```

```
case 'F':
scanf("%d",&n);
x= n*50;
printf("Burger=Rs %d",x);

case 'P':
scanf("%d",&n);
x= n*500;
printf("Burger=Rs %d",x);

case 'S':
scanf("%d",&n);
x= n*150;
printf("Burger=Rs %d",x);
}
}
```