



```
1  #include <stdio.h>
2  void main () {
3
4      printf ("False Value in GCC = %d\n", 1&&0);
5      printf ("True Value in GCC = %d\n", 1||0);
6
7
8  }
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc 1.c -o 1.exe
PS C:\Users\pc\Documents\C (notepad)> ./1.exe
False Value in GCC = 0
True Value in GCC = 1
PS C:\Users\pc\Documents\C (notepad)>
```



5.c x 2.c x

```
1  #include <stdio.h>
2  void main () {
3
4      int x ;
5      float salary;
6      printf ("Please Enter Yourworking hours : ");
7      scanf (" %d", &x);
8      salary = x * 50;
9
10     if (x < 40){
11         salary *= 0.9;
12     }
13     printf ("Your Salary is :%.2f",salary);
14 }
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc 2.c -o 2.exe
PS C:\Users\pc\Documents\C (notepad)> ./2.exe
Please Enter Yourworking hours : 20
Your Salary is :900.00
PS C:\Users\pc\Documents\C (notepad)>
```



```
1  #include <stdio.h>
2  void main () {
3
4      int x ;
5      printf ("Please Enter a Number : ");
6      scanf ("%d", &x);
7
8      if (x %2 ==0) {
9          printf ("%d is Even", x);
10     }
11     else
12     {
13         printf ("%d is Odd", x);
14     }
15 }
```

```
PS C:\Users\pc\Documents\C (notepad)> gcc 2lab2.c -o 2lab2.exe
PS C:\Users\pc\Documents\C (notepad)> ./2lab2.exe
Please Enter a Number : 5
5 is Odd
PS C:\Users\pc\Documents\C (notepad)>
```



4.c

```
1  #include <stdio.h>
2  void main () {
3      int x;
4      printf ("Please enter number : ");
5      scanf ("%d",&x);
6
7      if (x >=0 && x < 50)
8      {
9          printf ("Your rating is Failed");
10     }
11     else if (x >=50 && x < 65)
12     {
13         printf ("Your rating is Normal");
14     }
15     else if (x >=65 && x < 75)
16     {
17         printf ("Your rating is Good");
18     }
19     else if (x >=75 && x < 85)
20     {
21         printf ("Your rating is Very Good");
22     }
23     else if (x >= 85)
24     {
25         printf ("Your rating is Excellent");
26     }
27 }
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc 4.c -o 4.exe
PS C:\Users\pc\Documents\C (notepad)> ./4.exe
Please enter number : 91
Your rating is Excellent
PS C:\Users\pc\Documents\C (notepad)>
```



5.c x 2.c x

```
1  #include <stdio.h>
2  void main () {
3
4      int id;
5      printf ("Please Enter Your ID : ");
6      scanf ("%d",&id);
7
8      switch (id) {
9      case 1234 : printf ("Welcome Ahmed");
10     break;
11
12     case 5678 : printf ("Welcome Yousef");
13     break;
14
15     case 1145 : printf ("Welcome Mina");
16     break;
17
18     default : printf ("Wrong ID");
19     break;
20
21 }
22
23 }
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc 5.c -o 5.exe
PS C:\Users\pc\Documents\C (notepad)> ./5.exe
Please Enter Your ID : 1234
Welcome Ahmed
PS C:\Users\pc\Documents\C (notepad)>
```