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5.c x 2.c x 1.c x

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

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5.c 2.c

```
1 #include <stdio.h>
2 void main () {
3
4     int x ;
5     float salary;
6     printf ("Please Enter Your working 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 Your working hours : 20
Your Salary is :900.00
PS C:\Users\pc\Documents\C (notepad)>
```

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assignment3.c 2lab2.c

```
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 }
```

Windows PowerShell

```
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)>
```

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4.c x

```
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)>
```

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5.c x 2.c x

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