

Q1_ Basic Info

```
1 #include<stdio.h>
2
3 void main()
4 {
5     char N[50],B[50],H[100];
6     int R;
7     printf("Enter your Name:");
8     gets(N);
9     printf("\nEnter your Registration No.(last 4 digits):");
10    scanf("%d",&R);
11    printf("\nEnter your Branch:");
12    scanf("%s",&B);
13    printf("\nEnter your Hobbies:");
14    scanf("%s",&H);
15
16    printf("\n\n\t YOUR INFORMATION");
17    printf("\n\nName:");
18    puts(N);
19    printf("Registration No.:%d",R);
20    printf("\nBranch:%s",B);
21    printf("\nHobbies:%s",H);
22 }
23
```

Compile Result

(Output_1)

Enter your Name:Soma Hansdah

Enter your Registration No.(last 3 digits):
160

Enter your Branch:ComputerScience&Engineering

Enter your Hobbies:Exploring

YOUR INFORMATION

Name:Soma Hansdah

Registration No.:160

Branch:ComputerScience&Engineering

Hobbies:Exploring

[Process completed (code 18) - press Enter]

Q2_Find Max

```
1 #include<stdio.h>
2
3 void main()
4 {
5     int a,b;
6
7     printf("Enter two number:");
8     scanf("%d %d",&a,&b);
9
10    printf("\n Maximum :");
11    if(a==b)
12        printf("Entered numbers have same va
13    else if(a>b)
14        printf("%d",a);
15    else if(b>a)
16        printf("%d",b);
17    else
18        printf("ERROR:Try Again!\n\t Enter c
19 }
```

Compile Result

(Output_2)

```
Enter two number:5 5
```

```
Maximum :Entered numbers have same value  
[Process completed (code 31) - press Enter]
```

Compile Result

```
Enter two number:5 7
```

```
Maximum :7  
[Process completed (code 1) - press Enter]
```

Q3_Even/Odd

```
1 #include<stdio.h>
2
3 void main()
4 {
5     int N;
6
7     printf("Enter a number:");
8     scanf("%d",&N);
9
10    switch(N%2)
11    {
12        case 0:
13            printf("\n %d is even",N);
14            break;
15        case 1:
16            printf("\n %d is odd",N);
17            break;
18        default:
19            printf("\n Error: Try Again!")
20    }
21 }
```

Compile Result

(Output_3)

```
Enter a number:15
```

```
15 is odd .
```

```
[Process completed (code 12) - press Enter]
```

Compile Result

```
Enter a number:16
```

```
16 is even .
```

```
[Process completed (code 13) - press Enter]
```

Q4_Arithmetic

```
1 #include<stdio.h>
2
3 void main()
4 {
5
6     int a,b,c;
7     printf("Enter two numbers:");
8     scanf("%d%d",&a,&b);
9
10    printf("\n\nARITHMETIC OPERATION TABLE")
11    c=a+b;
12    printf("\n\t%d+%d=%d",a,b,c);
13    c=a-b;
14    printf("\n\t%d-%d=%d",a,b,c);
15    c=a*b;
16    printf("\n\t%d*%d=%d",a,b,c);
17    c=a/b;
18    printf("\n\t%d/%d=%d",a,b,c);
19    c=a%b;
20    printf("\n\t%d%c%d=%d",a,37,b,c);
21 }
```



Compile Result

(Output_4)

Enter two numbers:5 7

ARITHMETIC OPERATION TABLE

$$5+7=12$$

$$5-7=-2$$

$$5*7=35$$

$$5/7=0$$

$$5\%7=5$$

[Process completed (code 7) - press Enter]

Q5_Circle

```
1 #include<stdio.h>
2
3 void main()
4 {
5     float R,D,C,A;
6
7     printf("\t\tCIRCLE ");
8     printf("\n\nEnter radius:");
9     scanf("%f",&R);
10
11     D=2*R;
12     C=2*3.14*R;
13     A=3.14*R*R;
14
15     printf("\nDiameter:%f",D);
16     printf("\nCircumference:%f",C);
17     printf("\nArea:%f",A);
18 }
```

Compile Result

(Output_5)

CIRCLE

Enter radius:7

Diameter:14.000000

Circumference:43.959999

Area:153.860001

[Process completed (code 16) - press Enter]