

## Assignment-2

### Name- Devi Prasanna Mishra

```
1. #include<stdio.h>
   int main()
   {
       printf("Devi Prasanna Mishra-SOA University");
   }
```

Output:-

Devi Prasanna Mishra -SOA Unversity

```
2. #include<stdio.h>
   int main()
   {
       printf("Devi Prasanna
Mishra\n9439704958\ndeviprasannamishra4932gmail.com");
       return 0;
   }
```

Output:-

Devi Prasanna Mishra  
9439704958  
deviprasannamishra4932gmail.com

```
3.#include<stdio.h>
   int main ()
   {
       int a;
       a=6;
       float b;
       b=9.5;
       char c;
       c='Z';
       printf("a=%d\n",a);
       printf("b=%f\n",b);
       printf("c=%c",c);
       return 0;
   }
```

Output:

a=6

b=9.55

c=Z

```
4.#include<stdio.h>
   int main ()
   {
       int a,cube;
       printf("Enter the number");
       scanf("%d",&a);
       cube=a*a*a;
       printf("Cube of number is %d",cube);
       return 0;
   }
```

Output:

Enter the number5

Cube of number is 125

```
5.#include<stdio.h>
   int main ()
   {
       int a,b,c,d,e,sum;
       printf("Enter the number of a");
       scanf("%d",&a);
       printf("Enter the number of b");
       scanf("%d",&b);
       printf("Enter the number of c");
       scanf("%d",&c);
       printf("Enter the number of d");
       scanf("%d",&d);
       printf("Enter the number of e");
       scanf("%d",&e);
       sum=a+b+c+d+e;
       printf("sum of number is %d",sum);
       return 0;
   }
```

}

Output:

Enter the number of a9  
Enter the number of b6  
Enter the number of c5  
Enter the number of d2  
Enter the number of e1  
sum of number is 23

```
6.#include<stdio.h>
   int main ()
   {
       int mark1,mark2,total,average;
       printf("Enter number of mark1 ");
       scanf("%d",&mark1);
       printf("Enter number of mark2 ");
       scanf("%d",&mark2);
       total=mark1+mark2;
       average=total/2;
       printf("Average of mark is %d",average);
       return 0;
   }
```

Output:

Enter number of mark1 256  
Enter number of mark2 358  
Average of mark is 307

```
7.#include<stdio.h>
   int main()
   {
       float b;
       float a=0.20;
       printf("Enter the number of days for late return book");
       scanf("%f",&b);
       b=b*a;
```

```
    printf("the total fine charged is:%f INR",b);  
    return(0);  
}
```

Output:

Enter the number of days for late return book16  
the total fine charged is:3.200 INR

```
8.#include<stdio.h>  
int main()  
{  
    float cost=29.20;  
    float discount=0.15;  
    float mainprice,i;  
    i=discount*cost;  
    mainprice=cost-i;  
    printf("the main price of shirt is:%f INR",mainprice);  
    return(0);  
}
```

Output:

the main price of shirt is:24.8200 INR

```
9.#include<stdio.h>  
int main ()  
{  
    int num1,num2,temp;  
    printf("Enter number of num1 ");  
    scanf("%d",&num1);  
    printf("Enter number of num2 ");  
    scanf("%d",&num2);  
    temp=num1;  
    num1=num2;  
    num2=temp;  
    printf("num1=%d\n",num1);  
    printf("num2=%d",num2);  
    return 0;
```

}

Output:-

```
Enter number of num1 3
Enter number of num2 9
num1=9
num2=3
```

10.#include<stdio.h>

```
int main ()
{
    int num1,num2;
    printf("Enter number of num1 ");
    scanf("%d",&num1);
    printf("Enter number of num2 ");
    scanf("%d",&num2);
    num1=num1+num2;
    num2=num1-num2;
    num1=num1-num2;
    printf("num1=%d\n",num1);
    printf("num2=%d",num2);
    return 0;
}
```

Output:-

```
Enter number of num1 55
Enter number of num2 66
num1=66
num1=55
```