

## Assignment-2

**Name-Asish kumar prusty**

1. #include<stdio.h>

```
int main()
{
    printf("Asish kumar prusty-SOA University");
    return 0;
}
```

Output:-

Asish kumar prusty-SOA University

2. #include<stdio.h>

```
int main()
{
    printf("Asish kumar
prust\n8093524744\nasishkumar35242gmail.com");
    return 0;
}
```

Output:-

Asish kumar prusty

8093524744

asishkumar35242gmail.com

3.#include<stdio.h>

```
int main ()  
{  
    int a;  
    a=10;  
    float b;  
    b=1.5;  
    char c;  
    c='A';  
    printf("a=%d\n",a);  
    printf("b=%f\n",b);  
    printf("c=%c",c);  
    return 0;  
}
```

Output:-

a=10

b=1.55

c=A

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 a5

Enter the number of b5

Enter the number of c5

Enter the number of d5

Enter the number of e5

sum of number is 25

```
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 5

Enter number of num2 4

num1=4

num2=5

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 20

Enter number of num2 16

num1=16

num1=20