

1.

```
#include <stdio.h>
```

```
int main() {
```

```
    printf("Name: Samikshya Pradhan-SOA University \n");
```

```
    return 0;
```

```
}
```

2.

```
#include <stdio.h>
```

```
int main() {
```

```
    printf("Name: Samikshya Pradhan-SOA University \n");
```

```
    printf("Mobile Number:8658924492\n");
```

```
    printf("Email Id: samikshya.officialone@gmail.com");
```

```
    return 0;
```

```
}
```

3.

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
int Integer;
```

```
char Character;
```

```
float InputFloat;
```

```
printf(" Please Enter a Character : ");
```

```
scanf("%c", &Character);
```

```
printf(" Please Enter an Integer Value : ");
```

```
scanf("%d", &Integer);
```

```
printf(" Please Enter Float Value : ");
```

```
scanf("%f", &InputFloat);
```

```
printf(" \n The Integer Value that you Entered is : %d", Integer);
```

```
printf(" \n The Character that you Entered is : %c", Character);
```

```
printf(" \n The Float Value that you Entered is : %f", InputFloat);
```

```
return 0;
```

```
}
```

4.

```
#include <stdio.h>
```

```
int main() {
```

```
    int n = 10;
```

```
printf("Cube of %d = %d", n, (n*n*n));
```

```
return 0;
```

```
}
```

5.

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
int n,sum=0,m;
```

```
printf("Enter a number:");
```

```
scanf("%d",&n);
```

```
while(n>0)
```

```
{
```

```
m=n%10;
```

```
sum=sum+m;
```

```
n=n/10;
```

```
}
```

```
printf("Sum is=%d",sum);
```

```
return 0;
```

```
}
```

6.

```
#include <stdio.h>
```

```

int main()
{
    float mark1, mark2, average;

    printf("Enter marks obtained in subject 1 :");
    scanf("%f", &mark1);
    printf("Enter marks obtained in subject 2 :");
    scanf("%f", &mark2);
    average = (mark1 + mark2) / 2;
    printf("Average mark : %0.2f\n", average);

    return 0;
}

```

7.

```
#include <stdio.h>
```

```

int main()
{

    double fine=0.0;

    int n;

    printf("Enter the number of days late");
    scanf("%d",&n);

    fine = 0.20*n;

```

```
printf("total fine=%f",fine);
```

```
return 0;
```

```
}
```

8.

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
float price=29.90;
```

```
float discount=15;
```

```
float discount_amount;
```

```
float discounted_price;
```

```
discount_amount = (discount_percentage*price)/100;
```

```
discounted_price = (price-discount_amount);
```

```
printf("\n\nDiscount amount : %f\n\n", discount_amount);
```

```
printf("Discounted price : %f\n\n", discounted_price);
```

```
return 0;
```

```
}
```

9.

```
#include <stdio.h>
```

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
int a, b;
```

```

printf("Enter Value of a ");

scanf("%d", &a);

printf("\nEnter Value of b ");

scanf("%d", &b);

int temp = a;

a = b;

b = temp;

printf("\nAfter Swapping: a = %d, b = %d", a, b);

return 0;

}

```

10.

```

#include<stdio.h>

int main()

{

int a=10, b=20;

printf("Before swap a=%d b=%d",a,b);

a=a+b;//a=20 (20+20)

b=a-b;//b=10 (40-20)

a=a-b;//a=30 (40-10)

printf("\nAfter swap a=%d b=%d",a,b);

return 0;

}

```