#Program 1

```c
#include<stdio.h>
int main(){
    int a=10;
    int b=25;
    int output=a+b;
    printf("the sum of %d and %d is equal to %d",a,b,output);
}
```

Output:

the sum of 10 and 25 is equal to 35

#Program 2

```c
include<stdio.h>
int main()
{
  double f1,f2,sum_f;
  f1=32.1;
  f2=47.0;
  sum_f=f1+f2;
  printf("the sum is %lf",f1);
return 0;
}
```

Output:

the sum is 32.100000

#Program 3

```c
#include<stdio.h>
int main()
{
    int a;
    int b;
    double c;
    double d;
    printf("Enter two integers followed by two real numbers\n");
    scanf("%d%d%lf%lf",&a,&b,&c,&d);
    int output1=a+b;
    double output2=c+d;
    printf("The sum of two integers is %d\nThe sum of two real numbers is %lf\n",output1,
    output2);
return 0;
}
```

Output:

Enter two integers followed by two real numbers

9 90

92.55 3.1415

The sum of two integers is 99

The sum of two real numbers is 95.691500

#Program 4

```c
#include<stdio.h>
int main()
{
    char c;
    printf("Enter a character\n");
    scanf("%c",&c);
    printf("The ASCII value of the given character is:%d",c);
return 0;
}
```

Output:

Enter a character

a

The ASCII value of the given character is:97

#Program 5

```c
#include<stdio.h>
int main()
{
    printf("The size of int datatype is:%d bytes\n",sizeof(int));
    printf("The size of float is:%d bytes\n",sizeof(float));
    printf("The size of char datatype is:%d bytes\n",sizeof(char));
    printf("The size of double datatype is:%d bytes\n",sizeof(double));
return 0;
}
```

Output:

The size of int datatype is:4 bytes

The size of float is:4 bytes

The size of char datatype is:1 bytes

The size of double datatype is:8 bytes