Practical 01

01.

```c
#include<stdio.h>
int main()
{
printf("My name is:%s \n","Anjana");
printf("My School is:%s \n","Central College");
return(0);
}
```

02.

```c
#include<stdio.h>
int main()
{
printf("*\n");
printf("**\n");
printf("***\n");
printf("****\n");
printf("*****\n");
return(0);
}
```

03.

```c
#include<stdio.h>
int main()
{
int num;
float des;
double avg;
```

```c
char name;
printf("Enter a number ");
scanf("%d",&num);
printf("Enter a decimal number ");
scanf("%f",&des);
printf("Enter an another decimal number ");
scanf("%lf",&avg);
printf("Enter your name ");
scanf("%s",&name);
printf("%d \n",num);
printf("%f \n",des);
printf("%f \n",avg);
printf("%c \n",name);
return(0);
}
```

04.
```c
#include<stdio.h>
int main()
{
int num1,num2,total;
printf("Input a number ");
scanf("%d",&num1);
printf("Input a number ");
scanf("%d",&num2);
total=num2+num2;
printf("Total is %d",total);
return(0);
}
```

05.

```c
#include<stdio.h>
int main()
{
float num1,num2,avg;
printf("Input a number ");
scanf("%f",&num1);
printf("Input a number ");
scanf("%f",&num2);
avg=(num1+num2)/2;
printf("Average is %f",avg);
return(0);

}
```

06.

```c
#include<stdio.h>
int main()
{
int byear,age;
char name[15];
printf("Enter your name ");
scanf("%s",&name);
printf("Input your birth year ");
scanf("%d",&byear);
age=2023-byear;
printf("Your name is %s \n",name);
printf("your age is %d \n",age);
return(0);
}
```

07.

```c
#include<stdio.h>
int main()
{
int num1,num2;
printf("Input a number ");
scanf("%d",&num1);
printf("Input a number ");
scanf("%d",&num2);
//before swap
printf("%d \n",num1);
printf("%d \n",num2);
//after swap
printf("%d \n",num2);
printf("%d \n",num1);
return(0);
}
```