Assignment 1

1.1 Write a program to divide two numbers

```
#include<stdio.h>

int Divide(int iNo1,int iNo2)
{
   int iAns = 0;
   if(iNo2==0)
   {
      return -1;
   }
   iAns = iNo1/iNo2;
   return iAns;
}

int main()
{
   int iValue1 = 15, iValue2 = 5;
   int iRet = 0;

   iRet = Divide(iValue1,iValue2);

   printf("Division is :%d\n",iRet);
   return 0;
}
```

OUTPUT :

```
gcc A1program1.c -o Myexe

./Myexe
```

Division is :3

1.2. Write a program to print 5 times “Marvellous ” on screen.

```
#include<stdio.h>

void Display()
{
   int i = 0;
   for(i = 1; i<=5; i++)
   {
      printf("Marvellous\n");
   }

}
int main()
{
   Display();

   return 0;
}
```

OUTPUT :

```
 gcc A1Program2.c -o Myexe

./Myexe
```

Marvellous
Marvellous
Marvellous
Marvellous
Marvellous

1.3. Program to print 5 to 1 numbers on screen

```
# include<stdio.h>

void Display()
{
   int i = 0;
   i = 5;
   for(i = 5;i>=1;i--)
   {
      printf(" %d \n",i);
   }
}
int main()
{
   Display();

   return 0;
}
```

OUTPUT :

```
gcc A1Program3.c -o Myexe

./Myexe
```

5
4
3
2
1

1.4 Accept one number from user & check weather it is divisible by 5 or not

```
#include<stdio.h>

typedef int BOOL;
#define TRUE 1
#define FALSE 0

BOOL Check(int iNo)
{
   if((iNo % 5)== 0)
   {
      return TRUE;
   }
   else
   {
      return FALSE;
   }
}
int main()
{
   int iValue = 0;
   BOOL bRet = FALSE;

   printf("Enter Number:\n");
   scanf("%d",&iValue);

   bRet= Check(iValue);

   if(bRet == TRUE)
   {
     printf("Divisible by 5 ");
   }
   else
   {

     printf(" Not Divisible by 5");

   }


   return 0;


}
```

OUTPUT :

```
gcc A1Program4.c -o Myexe

./Myexe
```

Enter Number:
10
Divisible by 5

./Myexe

Enter Number:
23
Not Divisible by 5

1.5 Accept one number from user & print that number of * on screen.

```
void Accept(int iNo)
{
   int iCnt = 0;

   for(iCnt = 1; iCnt <= 5; iCnt++)
   {
      printf("*");

   }

}
int main()
{
   int iValue = 0;
   iValue = 5;

   Accept(iValue);

   return 0;
}
```

OUTPUT :

```
gcc A1Program5.c -o Myexe

./Myexe

* * * * *
```