

Logic Building Assignment : 1

Complete below code snippets.

Create separate files for each application and execute it practically.

Write each program in class notebook with description.

1.Program to divide two numbers

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

```
_____ Divide(int iNo1, int iNo2)
```

```
{
```

```
    int iAns = 0;
```

```
    if(iNo2 _____)
```

```
    {
```

```
        return -1;
```

```
    }
```

```
    iAns = iNo1 / iNo2;
```

```
    return _____;
```

```
}
```

```
int main()
```

```
{
```

```
    int iValue1 = 15, iValue2 = 5;
```

```
    int iRet = 0;
```

```
    iRet = Divide(_____, _____);
```

```
    printf("Division is %d", _____);
```

```
    return 0;
```

```
}
```

2. Program to print 5 times "Marvellous" on screen.

```
#include<stdio.h>

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

```
int main()
{
    Display();

    return 0;
}
```

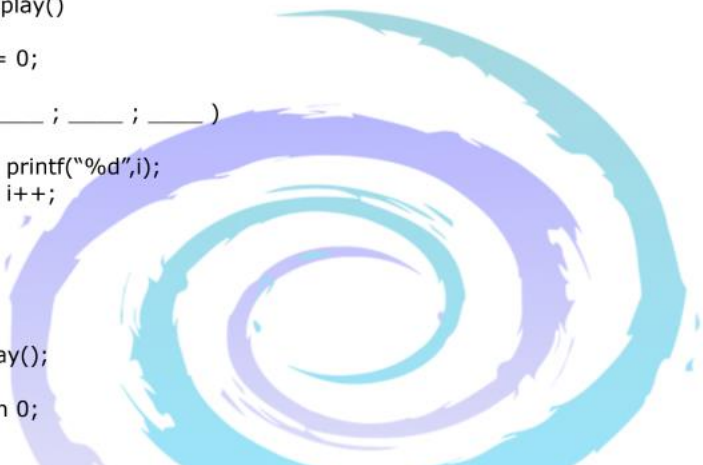
3. Program to print 5 to 1 numbers on screen.

```
#include<stdio.h>

_____ Display()
{
    int i = 0;
    _____ i = 5;
    for( _____ ; _____ ; _____ )
    {
        printf("%d",i);
        i++;
    }
}

int main()
{
    Display();

    return 0;
}
```



4. Accept one number and check whether it is divisible by 5 or not.

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

```
typedef int BOOL;
```

```
#define TRUE 1
```

```
#define FALSE ____
```

```
____ Check( ____ iNo)
{
    if(( ____ % 5) == 0)
    {
        return TRUE;
    }
    else
    {
        return ____ ;
    }
}
```

```
int main()
{
    int iValue = 0;
    BOOL bRet = FALSE;

    printf("Enter number");
    scanf("____", &____);

    bRet = Check(iValue);

    if(bRet == TRUE)
    {
        printf("Divisible by 5");
    }
    else
    {
        printf("Not Divisible by 5");
    }

    return 0;
}
```

5. Accept one number from user and print that number of * on screen.

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

```
void Accept(int iNo)
```

```
{
```

```
    int iCnt = 0;
```

```
    for( _____ ; _____ ; _____ )
```

```
    {
```

```
        printf("*")
```

```
    }
```

```
}
```

```
int main()
```

```
{
```

```
    int iValue = 0;
```

```
    iValue = 5;
```

```
    Accept(iValue);
```

```
    return 0;
```

```
}
```