Logic Building Assignment : 3

Complete below code snippets it contains only service provider function.
Write entry point function to call below helper functions separately.

1.Write a program which accept one number from user and print that number of even numbers on screen.

Input :   7

Output: 2   4   6   8   10   12   14

```
void PrintEven(int iNo)
{
      if(iNo <= 0)
      {
            return;
      }

      // Logic
}

int main()
{
      int iValue = 0;

      printf("Enter number\n");

      scanf("%d",&iValue);

      PrintEven(iValue);

      return 0;
}
```

2. Write a program which accept number from user and print even factors of that number.

Input :   24

Output: 1   2   4   6   8   12

```
void DisplayFactor(int iNo)
{
      int i = 0;

      if(iNo <= 0)
      {
            iNo = -iNo;
```

```
        }

        for(i = 1; i<= ___ ;i++)
        {
                if(_____)
                {
                        print("%d",i)
                }
        }
}

int main()
{
        int iValue = 0;

        printf("Enter number\n");

        scanf("%d",&iValue);

        DisplayFactor(iValue);

        return 0;
}
```

3. Write a program which accept number from user and print even factors of that number.

Input :   36

Output: 2   6   12   18

```
void DisplayEvenFactor(int iNo)
{
        int i = 0;

        if(iNo <= 0)
        {
                iNo = -iNo;
        }

        for(i = 1; i<= ___ ;i++)
        {
                if(____&&___)
                {

                }
        }
}

int main()
```

```
{
        int iValue = 0;

        printf("Enter number\n");

        scanf("%d",&iValue);

        _____ (_____ );

        return 0;
}
```

4. Accept one character from user and convert case of that character.

Input : a   Output : A

Input : D   Output : d

```
_____ DisplayConvert ( _____ CValue)
{
        if(_____)
        {
                printf("% ____" , _____);
        }
        else if(_____)
        {
                printf("% ____" , _____);
        }
}
int main()
{
        char cValue = '\0';

        printf("Enter character\n");

        scanf("%c",&cValue);

        _____ (cValue );

        return 0;
}
```

5. Accept on character from user and check whether that character is vowel (a,e,i,o,u) or not.

Input : E   Output : TRUE

Input : d   Output : FALSE

```c
typedef int _____ ;

# define TRUE _____
# define _____ 0

_____ ChkVowel ( char _____)
{
        if(_____)
        {
                _____
        }
        else
        {
                return FALSE;
        }
}

int main()
{
        char cValue = '\0';
        BOOL bRet = FALSE;

        printf("Enter character\n");

        scanf("%c",&cValue);

        bRet = _____ (cValue );

        if (bRet == _____)
        {
                printf("It is Vowel");
        }
        else
        {
                printf("It is not Vowel");
        }

        return 0;
}
```