

ASSIGNMENT-1

Aim: Programing logic practice

Code:

```
#include<stdio.h>

int main()
{
    int n,a,fact,b;
    printf("Enter the Number");
    scanf("%d",&n);
    printf("Prime Numbers are: \n");
    for(a=1; a<=n; a++)
    {
        fact=0;
        for(b=1; b<=n; b++)
        {
            if(a%b==0)
                fact++;
        }
        if(fact==2)
            printf("%d ",a);
    }
    return 0;
}
```

OUTPUT:

```
/tmp/OLjFTR8uP1.o  
Enter the Number60  
Prime Numbers are:  
2 3 5 7 11 13 17 19 23 29 31 37 41 43 47 53 59 |
```