

# All Online Learning

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a) Write C program to accept any number find out given number is prime or not

```
void main()
{
    int n,i;
    clrscr();
    printf("\n Enter any number ");
    scanf("%d",&n);
    i=2;
    while(i<=n-1)
    {
        if(n%i==0)
        {
            printf("\n Not a Prime Number ");
            break;
        }
        i++;
    }
    if(i==n)
        printf(" Given number is Prime Number ");
    getch();
}
```

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**b) Write a C program generate all prime number 1 to 100**

```
void main()
{
    int n,i;
    clrscr();
    for(n=2;n<=100;n++)
    {
        i=2;
        while(i<=n-1)
        {
            if(n%i==0)
                break;
            i++;
        }
        if(i==n)
            printf("%d ",n);
    }
    getch();
}
```