```c
#include<stdio.h>

int main()
{
    int a,b;
    printf("Enter two integers:");
    scanf("%d %d",&a,&b);

    int i,j,k;
    printf("The prime numbers between %d and
    for(i=a;i<=b;i++)
    {
        for(j=2;j<=i/2;j++)
        {
            if(i%j==0)
            {
                k=0;
                break;
            }
            else
                k=1;
        }
        if(k==1)
            printf("%d\n",i);

    }
    return 0;
}
```

Coding C

Auto saved at 15:49:33

RUN   MENU

```c
1 #include<stdio.h>
2 #include<math.h>
3
4 int main()
5 {
6     int m,i;
7     printf("1: Find the volume and area of c
8     printf("2: Find the volume and area of c
9     printf("3: Find the valome and area of s
10    printf("4: to quit\n");
11    while(i)
12  { printf("enter your choice\n");
13
14    scanf("%d",&m);
15
16
17    if(m==1)
18    {
19    int a,b;
20    float c,d;
21    printf("enter the values of height and r
22    scanf("%d%d",&a,&b);
23    c=(2*3.14*b*a)+(2*3.14*b*b);
24    d=3.14*b*b*a;
25    printf("the volume and area of cylinder
26
27    }
28    else if(m==2)
29    {
30    int e,f;
31    float g,h;
32    printf("enter the values of height and r
33    scanf("%d%d",&e,&f);
34    g=3.14*f*(f+sqrt(e*e+f*f));
35    h=(3.14*f*f*e)/3;
36    printf("the volume and area of cone are
37
38    }
39    else if(m==3)
40    {
```

Tab   {}   " "   ;   ↺   ⇑   ↻

=   \   &   ,   ⇐   ⇓   ⇒

```c
17      if(m==1)
18      {
19      int a,b;
20      float c,d;
21      printf("enter the values of height and r
22      scanf("%d%d",&a,&b);
23      c=(2*3.14*b*a)+(2*3.14*b*b);
24      d=3.14*b*b*a;
25      printf("the volume and area of cylinder
26
27      }
28      else if(m==2)
29      {
30      int e,f;
31      float g,h;
32      printf("enter the values of height and r
33      scanf("%d%d",&e,&f);
34      g=3.14*f*(f+sqrt(e*e+f*f));
35      h=(3.14*f*f*e)/3;
36      printf("the volume and area of cone are
37
38      }
39      else if(m==3)
40      {
41      int j;
42      float l,o;
43      printf("enter the value of radius\n");
44      scanf("%d",&j);
45      l=4*3.14*j*j;
46      o=(4*3.14*j*j*j)/3;
47      printf("the volume and area of sphere ar
48      }
49      else if(m==4)
50       break;
51      else
52      printf("entered invalid choice\n");
53      }
54
55      return 0;
56 }
```

Tab   {}   " "   ;

=   \   &   ,

```
1: Find the volume and area of cylinder
2: Find the volume and area of cone
3: Find the valome and area of sphere
4: to quit
enter your choice
2
enter the values of height and radius of cone
22
22
the volume and area of cone are 11144.906250
3669.025146
enter your choice
4

[Process completed - press Enter]
```

```
Enter a number:5
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15

[Process completed - press Enter]
```

```c
#include<stdio.h>

int main()
{
    int n;
    printf("Enter a number:");
    scanf("%d",&n);
    int i,j;
    int k = 1;
    for(i=1;i<=n;i++)
    {
        for(j=0;j<i;j++)
        {
            printf("%d ",k);
            k++;
        }
        printf("\n");
    }
    return 0;
}
```

```
entet the marks of cie:
50.0
enter the marks of see:
100.0
the grade is S
[Process completed - press Enter]
```

```c
#include<stdio.h>

int main()
{

    float m,n,p,q;
    printf("entet the marks of cie:\n");
    scanf("%f",&m);
    printf("enter the marks of see:\n");
    scanf("%f",&n);
    p=n/2;
    q=m+p;
    if(q<40)
    printf("the grade is F\n");
  else if(40<q&&q<=50.0)
    printf("the grade is E\n");
    else if(50.0<q&&q<=60.0)
    printf("the grade is D\n");
    else if(60.0<q&&q<=70.0)
    printf("the grade is C\n");
    else if(70.0<q&&q<=80.0)
    printf("the grade is B\n");
    else if(80.0<q&&q<=90.0)
    printf("the grade is A\n");
    else if(90.0<q&&q<=100.0)
    printf("the grade is S");
    return 0;
}
```

```
Enter two integers:13
20
The prime numbers between 13 and 20:
13
17
19

[Process completed - press Enter]
```