

```
int i,j,n,num=1;
printf("enter the number of rows:");
scanf("%d",&n);
for(i=1;i<=n;i++)
{
    for(j=1;j<=i;j++)
    {
        printf("%d",num);
        num++;
    }
    printf("\n");
}
return 0;
```

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input

```
e number of rows:3
```

```
am finished with exit code 0
TER to exit console.
```

```
include<stdio.h>
include<stdlib.h>
main()

ciemarks,seemarks;
t see,total;
i;
i=1;i<=5;i++)

printf( "enter your marks in CIE for sub(%d):\n",i);
scanf("%d",&ciemarks);
if((ciemarks>=0)&&(ciemarks<=50))
{
    printf("your cie marks for sub(%d) is: %d\n",i,ciemarks);
}
else
{
    printf("The marks are invalid\n");
    exit(0);
}
printf("enter your marks in SEE for sub(%d):\n",i);
scanf("%d",&seemarks);
if((seemarks>=0)&&(seemarks<=100))
{
    printf("your see marks for sub(%d) is: %d\n",i,seemarks);
}
else
{
    printf("The marks are invalid\n");
    exit(0);
}
```

input

```
}  
else  
{  
    printf("The marks are invalid\n");  
    exit(0);  
}  
  
see=seemarks/2;  
total=see+ciemarks;  
printf("total marks u have scored in sub(%d)=%f\n",i,total);  
if(total>=90)  
    printf("grade is S\n");  
else if(total>=80 && total<90)  
    printf(" grade is A\n");  
else if(total>=70 && total<80)  
    printf("grade is B\n");  
else if(total>=60 && total<70)  
    printf("grade is C\n");  
else if(total>=50 && total<60)  
    printf("grade is D\n");  
else if(total>=40 && total<50)  
    printf("grade is E\n");  
else  
    printf("grade is F\n");  
  
return 0;
```

input

input

```
marks in CIE for sub(1):  
marks for sub(1) is: 40  
marks in SEE for sub(1):  
marks for sub(1) is: 80  
u have scored in sub(1)=80.000000  
marks in CIE for sub(2):  
marks for sub(2) is: 30  
marks in SEE for sub(2):  
marks for sub(2) is: 70  
u have scored in sub(2)=65.000000  
marks in CIE for sub(3):  
marks for sub(3) is: 50  
marks in SEE for sub(3):  
marks for sub(3) is: 70  
u have scored in sub(3)=85.000000  
marks in CIE for sub(4):  
marks for sub(4) is: 43  
marks in SEE for sub(4):  
marks for sub(4) is: 81  
u have scored in sub(4)=83.000000
```



```
finished with exit code 0
to exit console.
```

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Language C

VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly, HTML, CSS, JS, SQLite, Prolog.
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*****/

```
include<stdio.h>
main()

int num1,num2,n,i,j;
printf("enter the 1st integer\n");
scanf("%d",&num1);
printf("enter the 2nd integer\n");
scanf("%d",&num2);
printf("prime numbers from %d and %d are:\n",num1,num2);
for(i=num1;i<=num2;++i)
{
    n =0;
    for(j=2;j<i/2;++j)
    {
        if(i%j==0)
        {
            n=1;
            break;
        }
    }
    if(n==0)
        printf("%d\n",i);
}
return 0;
```

input

Where to search

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Language C

VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly, HTML, CSS, JS, SQLite, Prolog.

, Compile, Run and Debug online from anywhere in world.

*****/
lude<stdio.h>

input

st integer

nd integer

rs from 3 and 9 are:

finished with exit code 0
to exit console.

here to search

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Language C

```
#include<stdio.h>
#include <math.h>
int main()
{
    float area,volume,r,h;
    int i,t=0;
    float pi=3.14;

    printf("Enter 1:Cylinder  2:Cone  3:sphere  4:exit\n");
    scanf("%d",&i);
    switch(i)
    {
        case 1:
            printf("enter radius\n");
            scanf("%f",&r);
            printf("enter height\n");
            scanf("%f",&h);
            area=(2*pi*r*h)+(2*pi*r*r);
            volume=(pi*r*r*h);
            printf("the area and volume of cylinder is %f and %f\n",area,volume);
            break;
        case 2:
            printf("enter radius\n");
            scanf("%f",&r);
            printf("enter hieght\n");
            scanf("%f",&h);
            area=pi*r*(r+sqrt((h*h)+(r*r)));
            volume=pi*r*r*(h/3);
            printf("the area and volume of cone is %f and %f\n",area,volume);
            break;
        case 3:
            printf("enter radius\n");
            scanf("%f",&r);
            area=4*pi*r*r;
```

input

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```
printf("enter radius\n");
scanf("%f",&r);
printf("enter height\n");
scanf("%f",&h);
area=(2*pi*r*h)+(2*pi*r*r);
volume=(pi*r*r*h);
printf("the area and volume of cylinder is %f and %f\n",area,volume);
break;
case 2:
printf("enter radius\n");
scanf("%f",&r);
printf("enter hieght\n");
scanf("%f",&h);
area=pi*r*(r+sqrt((h*h)+(r*r)));
volume=pi*r*r*(h/3);
printf("the area and volume of cone is %f and %f\n",area,volume);
break;
case 3:
printf("enter radius\n");
scanf("%f",&r);
area=4*pi*r*r;
volume=(4/3)*pi*r*r*r;
printf("the area and volume of sphere is %f and %f\n",area,volume);
break;
case 4:
t=1;
break;
}

while(t!=1);

0;
```

input

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...

Run

Debug

Stop

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Language C

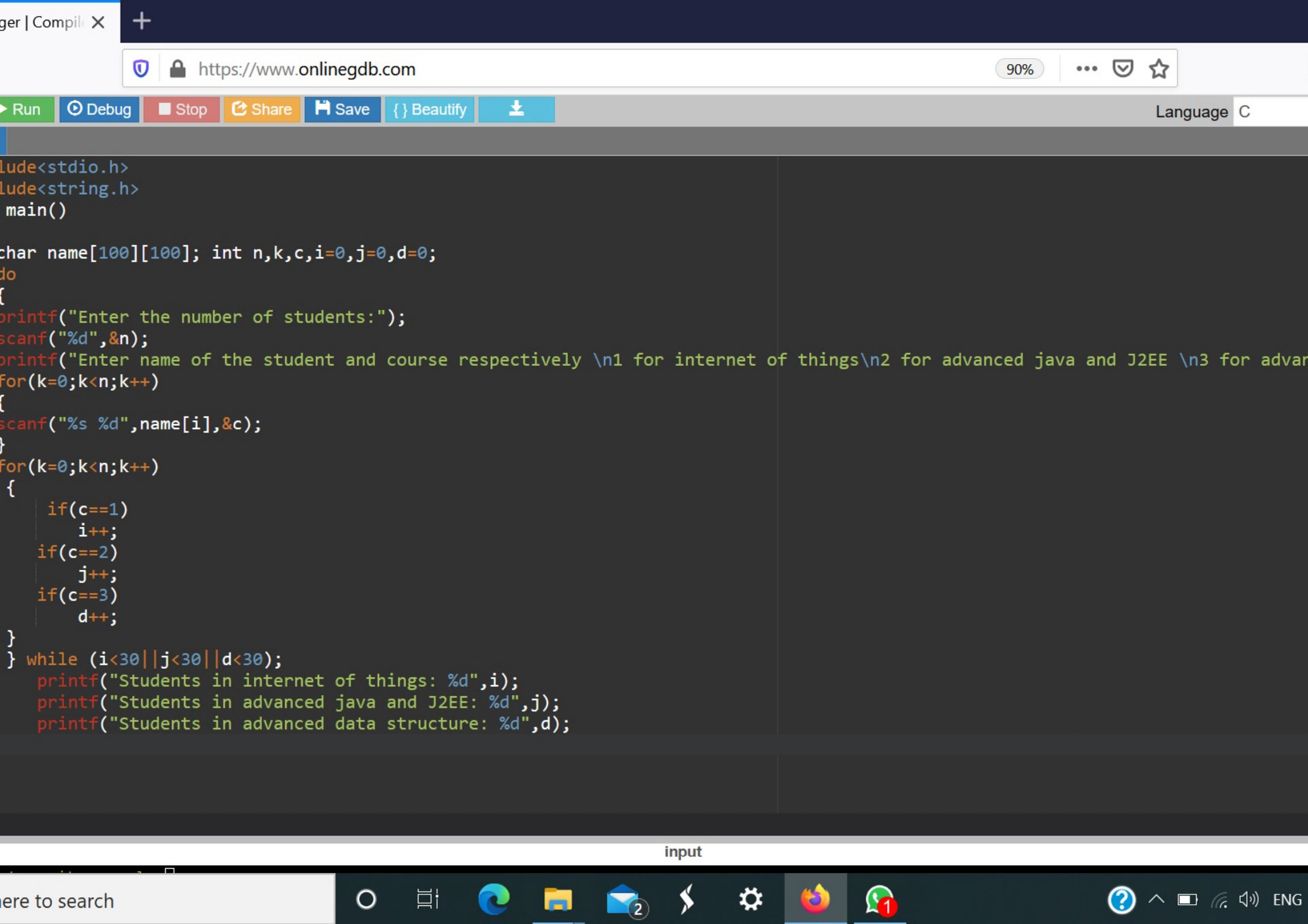
```
#include<stdio.h>
#include <math.h>
int main()
{
    float r,h;
    printf("Enter radius and height of cylinder: ");
    scanf("%f%f",&r,&h);
    printf("Volume of cylinder is %.2f and %.2f\n",4*3.14*r*r*h/2,4*3.14*r*r*h/3);
    printf("Enter 1:Cylinder 2:Cone 3:sphere 4:exit\n");
    int choice;
    while(1)
    {
        scanf("%d",&choice);
        switch(choice)
        {
            case 1:
                printf("Enter radius and height of cylinder: ");
                scanf("%f%f",&r,&h);
                printf("Volume of cylinder is %.2f and %.2f\n",4*3.14*r*r*h/2,4*3.14*r*r*h/3);
                break;
            case 2:
                printf("Enter radius and height of cone: ");
                scanf("%f%f",&r,&h);
                printf("Volume of cone is %.2f and %.2f\n",4*3.14*r*r*h/3,4*3.14*r*r*h/2);
                break;
            case 3:
                printf("Enter radius of sphere: ");
                scanf("%f",&r);
                printf("Volume of sphere is %.2f and %.2f\n",4*3.14*r*r*r/3,4*3.14*r*r*r/2);
                break;
            case 4:
                printf("Exiting...\n");
                return 0;
            default:
                printf("Invalid choice\n");
        }
    }
}
```

input

Enter radius and height of cylinder: 5 10
Volume of cylinder is 314.16 and 628.32
Enter 1:Cylinder 2:Cone 3:sphere 4:exit
2
Enter radius and height of cone: 5 10
Volume of cone is 261.80 and 523.60
Enter 1:Cylinder 2:Cone 3:sphere 4:exit
3
Enter radius of sphere: 5
Volume of sphere is 523.60 and 1047.20
Enter 1:Cylinder 2:Cone 3:sphere 4:exit
4
Exiting...
finished with exit code 0
to exit console.

Where to search

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```
include<stdio.h>
include<string.h>
main()

char name[100][100]; int n,k,c,i=0,j=0,d=0;
do
{
printf("Enter the number of students:");
scanf("%d",&n);
printf("Enter name of the student and course respectively \n1 for internet of things\n2 for advanced java and J2EE \n3 for advanced data structure\n");
for(k=0;k<n;k++)
{
scanf("%s %d",name[i],&c);
}
for(k=0;k<n;k++)
{
if(c==1)
i++;
if(c==2)
j++;
if(c==3)
d++;
}
} while (i<30||j<30||d<30);
printf("Students in internet of things: %d",i);
printf("Students in advanced java and J2EE: %d",j);
printf("Students in advanced data structure: %d",d);
```

input

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

```
#include<string.h>
```

```
main()
```

input

```
number of students:3
```

of the student and course respectively

net of things

ced java and J2EE

ced data structure

```
number of students:2
```

of the student and course respectively

net of things

ced java and J2EE

ced data structure

number of students: ^C

```
finished with exit code 130
```

```
to exit console.[]
```