



:int



em.c x

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

```
int main()
```

```
    float Celsius , Fahrenheit , temperature;
```

```
    printf("enter the temprature in celsius : ");
```

```
    scanf("%f", &Celsius );
```

```
    Fahrenheit = (Celsius * (9/5) )+32;
```

```
    printf("temprature in Fahrenheit = %f f ", Fahrenheit );
```

```
    return 0;
```

C:\Users\AdminOS\OneDrive\Documente\ctest\kareem.exe

enter the temprature in celsius : 32

temprature in Fahrenheit = 64.000000 f

Process returned 0 (0x0) execution time : 12.488 s

Press any key to continue.



S C

<stdio.h>

()

float root ,num;

enter any number: ");

f", &num);

sqrt(num);

square root of %.2f= %.2f", num,root);

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enter any number: 145

square root of 145.00= 12.04

Process returned 0 (0x0) execution time : 15.509 s

Press any key to continue.



```
c X  
#include <stdio.h>  
int main()  
{  
    float base ,exponent,power;  
    printf("enter base : ");  
    scanf("%f", &base);  
    printf("Enter exponent: ");  
    scanf("%f", &exponent);  
    power = pow(base, exponent);  
    printf("%.2f ^ %.2f = %.2f", base, exponent, power);  
}
```

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```
enter base : 8  
Enter exponent: 9  
8.00 ^ 9.00 = 134217728.00  
Process returned 0 (0x0)   execution time : 24.377 s  
Press any key to continue.
```



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Language: C



```
1  #include <stdio.h>
2  int main ()
3  {
4      char s[100];
5      fgets(s, sizeof(s), stdin);
6      printf("hello,world\n");
7      printf("%s", s);
8
9
10 }
```

main() : int

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

```
kareem.c X
#include <stdio.h>
int main()
{
    int num1,num2,sum,sub,product,division,modulus;
    printf("enter two numbers : " );

    scanf("%d %d", &num1, &num2);

    sum = num1 + num2;
    division = (float)num1 / num2;
    product = num1 * num2;
    sub = num1 - num2;

    printf("sum = %d \n" , sum);
    printf("subtractor = %d \n" , sub);
    printf("product = %d \n ", product);
    printf("division = %d \n" , division);
    return 0;
}
```

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```
enter two numbers :20 10
sum = 30
subtractor = 10
product = 200
division = 2
```

```
Process returned 0 (0x0)   execution time : 22.340 s
Press any key to continue.
```





tem.c x

```
include <stdio.h>
int main()
{
    int width, length, area;
    printf("enter the width : ");
    scanf("%d", &width);
    printf("enter the length : ");
    scanf("%d", &length);
    area = length * width;
    printf("area of rectangle = %d c square ", area);
    return 0;
}
```

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```
enter the width : 14
enter the length : 17
area of rectangle = 238 c square
Process returned 0 (0x0)   execution time : 14.576 s
Press any key to continue.
```

Line	Message
	=== Build file: "no target" in "no project" (compiler: unknown) ===
	=== Build finished: 0 error(s), 0 warning(s) (0 minute(s), 0 second(s)) ===



kareem.c x

```
#include <stdio.h>
int main()
{
    float raduis, circumference , area , diameter;
    printf("enter the raduis : ");
    scanf("%f", &raduis);
    diameter = 2* raduis;
    area = 2*3.14*raduis;
    circumference = 3.14 * (raduis*raduis);

    printf("diameter of circle = %f c ", diameter);
    printf("area of circle = %f c ", area);
    printf("circumference of circle = %f c ", circumference);
    return 0;
}
```

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```
enter the raduis : 3.5
diameter of circle = 7.000000 c area of circle = 21.980000 c circumference
Process returned 0 (0x0) execution time : 53.488 s
Press any key to continue.
```

Build log x Build messages x CppCheck/Vera++ x CppCheck/

Line Message

```
=== Build file: "no target" in "no project" (compiler: unknown) ===
=== Build finished: 0 error(s), 0 warning(s) (0 minute(s), 0 second(s)) ===
```



kareem.c x

```
#include <stdio.h>
int main()
{
    int days , weeks , years;
    printf("enter days : ");
    scanf("%d",&days );
    years = (days / 365);
    weeks =(days - (years * 365)) / 7;

    printf("weeks= %d w ",weeks );
    printf("years= %d y ",years );
    return 0;
}
/*****
الله يعرف اذاي ال weeks ال قبل من ال years*****/
```

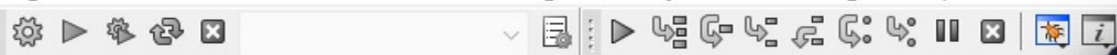
C:\Users\AdminOS\OneDrive\Documente\ctest\kareem.exe

```
enter days : 74545
weeks= 12 w years= 204 y
Process returned 0 (0x0)   execution time : 10.477 s
Press any key to continue.
```

Line Message

```
=== Build file: "no target" in "no project" (compiler: unknown) ===
=== Build finished: 0 error(s), 0 warning(s) (0 minute(s), 0 second(s)) ===
```





: int



kareem.c x

#include &lt;stdio.h&gt;

int main()

float eng, math, phy, chem, comp, total, average, precentage;

printf("Enter marks of five subjects: ");

scanf("%f%f%f%f%f", &amp;eng, &amp;math, &amp;phy, &amp;comp, &amp;chem);

total = eng+math+phy+comp+chem;

average = total / 5;

precentage = (total/500)\*100;

printf("total mark =%f \n", total);

printf("average = %f \n", average);

printf("precentage = %f \n", precentage);

C:\Users\AdminOS\OneDrive\Documents\ctest\kareem.exe

Enter marks of five subjects: 67 88 45 90 12

total mark =302.000000

average = 60.400002

precentage = 60.400002

Process returned 0 (0x0) execution time : 21.236 s

Press any key to continue.

Line Message

=== Build file: "no target" in "no project" (compiler: unknown) ===

=== Build finished: 0 error(s), 0 warning(s) (0 minute(s), 0 second(s)) ===

kareem.c x

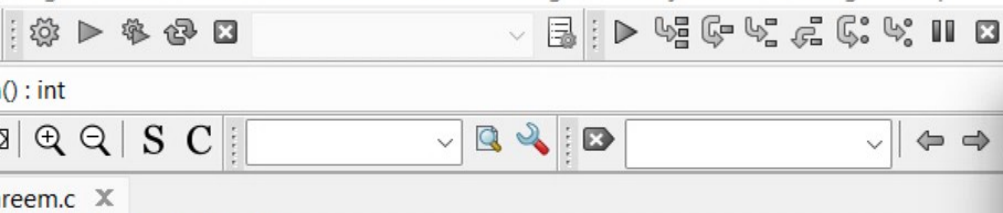
```
#include <stdio.h>
int main()
{
    int width, length , perimeter;
    printf("enter the width : ");
    scanf("%d", &width);
    printf("enter the length : ");
    scanf("%d",&length);
    perimeter = 2 * (length + width);
    printf("Perimeter of rectangle = %d cintmeter ", perimeter);
    return 0;
}
```

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```
enter the width : 12
enter the length : 17
Perimeter of rectangle = 58 cintmeter
Process returned 0 (0x0)   execution time : 14.583 s
Press any key to continue.
```

Line Message

```
=== Build file: "no target" in "no project" (compiler: unknown) ===
=== Build finished: 0 error(s), 0 warning(s) (0 minute(s), 0 second(s)) ===
```



```

#include <stdio.h>

int main()

{
    float length ,centimeter, meter , kilometer;

    printf("enter the length in meter : ");
    scanf("%f", &meter );
    centimeter = meter * 100.0000;
    kilometer = meter * 1000.0000;

    printf("length in meter  = %f m ", meter);
    printf("length in centimeter  = %f cm ", centimeter);
    printf("length in kilometer  = %f km", kilometer);

    return 0;
}

```

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```

enter the length in meter : 7
length in meter  = 7.000000 m length in centimeter  = 700.000000 cm len
Process returned 0 (0x0)   execution time : 13.862 s
Press any key to continue.

```

Line	Message
	=== Build file: "no target" in "no project" (compiler: unknown) ===
	=== Build finished: 0 error(s), 0 warning(s) (0 minute(s), 0 second(s)) ===