

RunDebugStopShareSaveBeautify

Language C

main.c

```
1
2
3
4
5
6
7
8 *****/
9 #include <stdio.h>
10 #include <math.h>
11
12 int main()
13 {
14     float p, rate, time, CI;
15
16     /* Input principle, time and rate */
17     printf("Enter the principle amount: ");
18     scanf("%f", &p);
19
20     printf("Enter the number of years: ");
21     scanf("%f", &time);
22
23     printf("Enter the rate of interest: ");
24     scanf("%f", &rate);
25
26     /* Calculate compound interest */
27     CI = p * (pow((1 + rate / 100), time));
28
29     /* Print the resultant CI */
30     printf("Compound Interest = %f", CI);
31
32     return 0;
33 }
```

Input

```
Enter the principle amount: 500
Enter the number of years: 2
Enter the rate of interest: 6
Compound Interest = 561.799927

...Program finished with exit code 0
Press ENTER to exit console.
```

Run

Debug

Stop

Share

Save

Beautify

Language C

main.c

```
1  /*****
2
3  Welcome to GDB Online.
4  GDB online is an online compiler and debugger tool for C, C++, Python, PHP, Ruby,
5  C#, VB, Perl, Swift, Prolog, Javascript, Pascal, HTML, CSS, JS
6  Code, Compile, Run and Debug online from anywhere in world.
7
8  *****/
9  #include <stdio.h>
10 int main() {
11     int num, x;
12     printf("Enter a integer: ");
13     scanf("%d", &num);
14     printf("Factors of %d are: ", num);
15     for (x = 1; x <= num; ++x)
16     {
17         if (num % x == 0) {
18             printf("%d ", x);
19         }
20     }
21     return 0;
22 }
23
```

Input

```
Enter a integer: 12
Factors of 12 are: 1 2 3 4 6 12

...Program finished with exit code 0
Press ENTER to exit console.
```

Run Debug Stop Share Save Beautify

main.c

```
9  #include <stdio.h>
10
11  int main()
12  {
13      int i, num1, num2, x, hcf=1;
14      printf("Enter two numbers to find HCF: ");
15      scanf("%d%d", &num1, &num2);
16
17
18      x = (num1<num2) ? num1 : num2;
19
20      for(i=1; i<=x; i++)
21      {
22
23          if(num1%i==0 && num2%i==0)
24          {
25              hcf = i;
26          }
27      }
28
29      printf("HCF of %d and %d = %d\n", num1, num2, hcf);
30
31      return 0;
32  }
```



Input

Enter two numbers to find HCF: 12 6
HCF of 12 and 6 = 6

...Program finished with exit code 0
Press ENTER to exit console.