

main.cpp



Share

Run

Output

```
1 #include <iostream>
2 using namespace std;
3
4 class Calculate {
5 public:
6     static int rate;
7     int principal;
8     int duration;
9
10    float simpleInterest;
11
12    float interest()
13    {
14        simpleInterest = (principal * rate * duration) / 100;
15        return simpleInterest;
16    }
17 };
18 int Calculate::rate = 5;
19
20 int main ()
21 {
22     Calculate c1;
23
24     cout << "Enter details to find amount for rate of interest of 5%" << endl;
25     cout << "Duration: ";
26     cin >> c1.duration;
27     cout << "Principal: ";
28     cin >> c1.principal;
29
30     cout << "Simple Interest: " << c1.interest();
31
32     return 0;
33 }
```

```
/tmp/Av8fctVw0Y.o
Enter details to find amount for rate of interest of 5%
Duration: 3
Principal: 25000
Simple Interest: 3750

=== Code Execution Successful ===
```

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Output

```
1 #include <iostream>
2 using namespace std;
3
4 class Object {
5     static float g[8];
6
7 public:
8     float m;
9
10 public:
11     void displayWeight()
12     {
13         for (int i = 0; i < 8; i++)
14         {
15             cout << i+1 << ". " << m * g[i] << endl;
16         }
17     }
18 };
19
20 float Object::g[8] = { 3.61, 8.83, 9.8, 3.75, 26.0, 11.2, 10.5, 13.3 };
21
22 int main ()
23 {
24     Object car;
25     car.m = 153;
26     car.displayWeight();
27
28     return 0;
29 }
```

```
/tmp/DU4aL06Bxe.o
1. 552.33
2. 1350.99
3. 1499.4
4. 573.75
5. 3978
6. 1713.6
7. 1606.5
8. 2034.9
```

```
=== Code Execution Successful ===
```