

/*Mochire Boaz Momanyi

C++ code on simple Interest

BSE-05-0005/2024

25 Sunday 2025

Version 2*/

#include <iostream>

// Function to calculate simple interest

float calculateSimpleInterest(float
principle, float time, float rate) {

 // Simple Interest = (Principal * Time *
Rate) / 100

 return (principle * time * rate) / 100;
}

int main() {

 float principle, time, rate;

 std::cout << "--- Simple Interest
Calculator ---" << std::endl;

```
std::cout << "Enter the principle amount:
";
std::cin >> principle;

std::cout << "Enter the time (in years): ";
std::cin >> time;

std::cout << "Enter the rate of interest (%
per annum): ";
std::cin >> rate;

float simpleInterest =
calculateSimpleInterest(principle, time,
rate);

std::cout << "\nCalculated Simple
Interest: " << simpleInterest << std::endl;

return 0;
}
```

