***Q1.*** ***A company decided to give a bonus of 5% to an employee if his/her year of service is more than 5 years and the bonus percentage is a product of 5% with a number of years beyond five years of service.  
Ask users for their salary and year of service and print the net bonus amount.***

***Solution:***

#include <iostream>

Using namespace std;

int main()

{

double salary;

int yearsOfService; // Input salary and years of service

:cout << "Enter your salary: ";

cin >> salary;

cout << "Enter your years of service: ";

cin >> yearsOfService; double bonus = 0.0;

if (yearsOfService > 5)

{

int yearsBeyondFive = yearsOfService - 5;

bonus = 0.05 \* yearsBeyondFive \* salary;

if (bonus > 0.25 \* salary)

{

bonus = 0.25 \* salary;

}

}

cout << "Your net bonus amount is: " << bonus << endl;

return 0;

}