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BSAI
PF LAB
LAB TASK 6
Assignment

Q: Write a program to store integer salaries of 6 employees in the form of array. Get input from user and display on the screen with / without loop/

```cpp
#include <iostream>
using namespace std;

int main() {
    int salary[6];
    cout << "72387  Shan...  Task  6\n";
    cout << "Enter salaries of 6 employees:\n";
    for(int i = 0; i < 6; i++) {
        cout << "Salary " << i + 1 << ": ";
        cin >> salary[i];
    }
cout << "\nSalaries you entered:\n";
    for(int i = 0; i < 6; i++) {
        cout << salary[i] << endl; } return 0; }
/*  #include <iostream>
using namespace std;
int main() {
    int salary[6];
     cout << "72387_Shan..._Task_6\n";
    cout << "Enter salaries of 6 employees:\n";
    cin >> salary[0];
    cin >> salary[1];
    cin >> salary[2];
    cin >> salary[3];
    cin >> salary[4];
    cin >> salary[5];
    cout << "\nSalaries you entered:\n";
    cout << salary[0] << endl;
    cout << salary[1] << endl;
    cout << salary[2] << endl;
    cout << salary[3] << endl;
    cout << salary[4] << endl;
    cout << salary[5] << endl;
return 0;
} */
```

```cpp
Untitled-26.cpp > ...
1    #include <iostream>
2    using namespace std;
3
4    int main() {
5        int salary[6];
6        cout << "72387_Shan..._Task_6\n";
7        cout << "Enter salaries of 6 employees:\n";
8        for(int i = 0; i < 6; i++) {
9            cout << "Salary " << i + 1 << ": ";
10           cin >> salary[i];
11       }
12
13       cout << "\nSalaries you entered:\n";
14       for(int i = 0; i < 6; i++) {
15           cout << salary[i] << endl;
16       }
17
18       return 0;
19   }
20   /*
21
22   #include <iostream>
23   using namespace std;
24
25   int main() {
26       int salary[6];
27       cout << "72387_Shan..._Task_6\n";
28       cout << "Enter salaries of 6 employees:\n";
29       cin >> salary[0];
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

PS C:\Programing Fundamental C++\output> & .\'Untitled-26.exe'
72387_Shan..._Task_6
Enter salaries of 6 employees:
Salary 1: 25000
Salary 2: 26000
Salary 3: 27000
Salary 4: 22000
Salary 5: 32000
Salary 6: 33000

Salaries you entered:
25000
26000
27000
22000
32000
33000
PS C:\Programing Fundamental C++\output> []

```cpp
/*
18
19        return 0;
20    }
21    */
22    #include <iostream>
23    using namespace std;
24
25    int main() {
26        int salary[6];
27         cout << "72387_Shan..._Task_6\n";
28        cout << "Enter salaries of 6 employees:\n";
29        cin >> salary[0];
30        cin >> salary[1];
31        cin >> salary[2];
32        cin >> salary[3];
33        cin >> salary[4];
34        cin >> salary[5];
35
36        cout << "\nSalaries you entered:\n";
37        cout << salary[0] << endl;
38        cout << salary[1] << endl;
39        cout << salary[2] << endl;
40        cout << salary[3] << endl;
41        cout << salary[4] << endl;
42        cout << salary[5] << endl;
43
44        return 0;
45    }
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
PS C:\Programing Fundamental C++\output> cd 'c:\Programing Fundamental C++\output'
PS C:\Programing Fundamental C++\output> & .\'Untitled-26.exe'
72387_Shan..._Task_6
Enter salaries of 6 employees:
22500
24800
28600
29573
84756
92743

Salaries you entered:
22500
24800
28600
29573
84756
92743
PS C:\Programing Fundamental C++\output>
```
⚙ ▷ ⏸ 🗑 ⏸ Debug ⚙ Compile ▷ Compile & Run

Q: Write a C++ program that takes quiz marks of ten students into an array, calculates their total using a loop, finds the average, and displays the result.

```cpp
#include <iostream>
using namespace std;

int main() {
    int marks[10];
    int total = 0;
    float average;
     cout << "72387_Shan..._Task_6\n";
    cout << "Enter quiz marks of 10 students:\n";
    for (int i = 0; i < 10; i++) {
        cout << "Student " << i + 1 << ": ";
        cin >> marks[i];
        total += marks[i];
    }   average = total / 10.0;
    cout << "\nTotal Marks = " << total << endl;
    cout << "Average Marks = " << average << endl;
    return 0;   }
```

G Untitled-27.cpp > ⊙ main()

```cpp
#include <iostream>
using namespace std;

int main() {
    int marks[10];
    int total = 0;
    float average;
     cout << "72387_Shan..._Task_6\n";
    cout << "Enter quiz marks of 10 students:\n";
    for (int i = 0; i < 10; i++) {
        cout << "Student " << i + 1 << ": ";
        cin >> marks[i];
        total += marks[i];
    }  average = total / 10.0;
    cout << "\nTotal Marks = " << total << endl;
    cout << "Average Marks = " << average << endl;
    return 0;  }
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**   PORTS

```
PS C:\Programing Fundamental C++> cd 'c:\Programing Fundamental C++\output'
PS C:\Programing Fundamental C++\output> & .\'Untitled-27.exe'
72387_Shan..._Task_6
Enter quiz marks of 10 students:
Student 1: 10
Student 2: 12
Student 3: 7
Student 4: 8
Student 5: 4
Student 6: 5
Student 7: 6
Student 8: 7
Student 9: 9
Student 10: 13

Total Marks = 81
Average Marks = 8.1
PS C:\Programing Fundamental C++\output> []
```