

```
main.cpp [ ] [ ] Run Output Clear
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     for (int i = 1; i <= 150; ++i) {
6         if (i % 10 == 0) {
7             continue; // Skip multiples of 10
8         }
9         cout << i << " ";
10    }
11    cout << endl;
12    return 0;
13 }
```

/tmp/wvDtu0P6CR.o

1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 17 18 19 21 22 23  
24 25 26 27 28 29 31 32 33 34 35 36 37 38 39 41  
42 43 44 45 46 47 48 49 51 52 53 54 55 56 57 58  
59 61 62 63 64 65 66 67 68 69 71 72 73 74 75 76  
77 78 79 81 82 83 84 85 86 87 88 89 91 92 93 94  
95 96 97 98 99 101 102 103 104 105 106 107 108  
109 111 112 113 114 115 116 117 118 119 121 122  
123 124 125 126 127 128 129 131 132 133 134 135  
136 137 138 139 141 142 143 144 145 146 147 148  
149

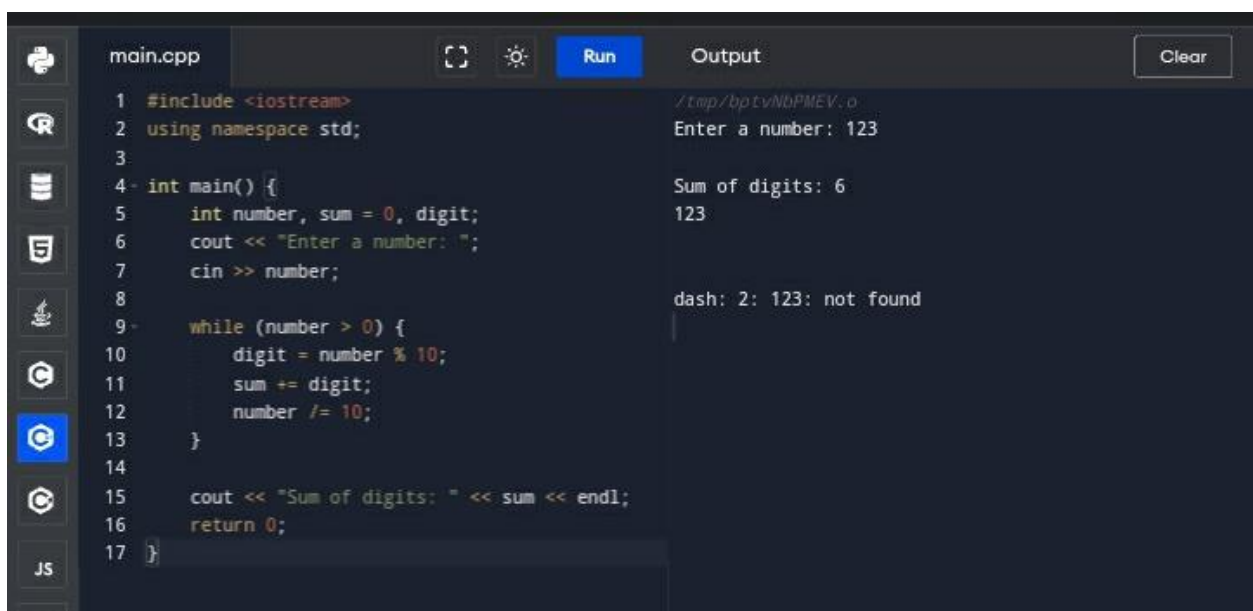
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Lab Manual 4 (HIME TASK)

Q1

Q2



```
main.cpp [ ] [ ] Run Output Clear
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     int number, sum = 0, digit;
6     cout << "Enter a number: ";
7     cin >> number;
8
9     while (number > 0) {
10         digit = number % 10;
11         sum += digit;
12         number /= 10;
13     }
14
15     cout << "Sum of digits: " << sum << endl;
16     return 0;
17 }
```

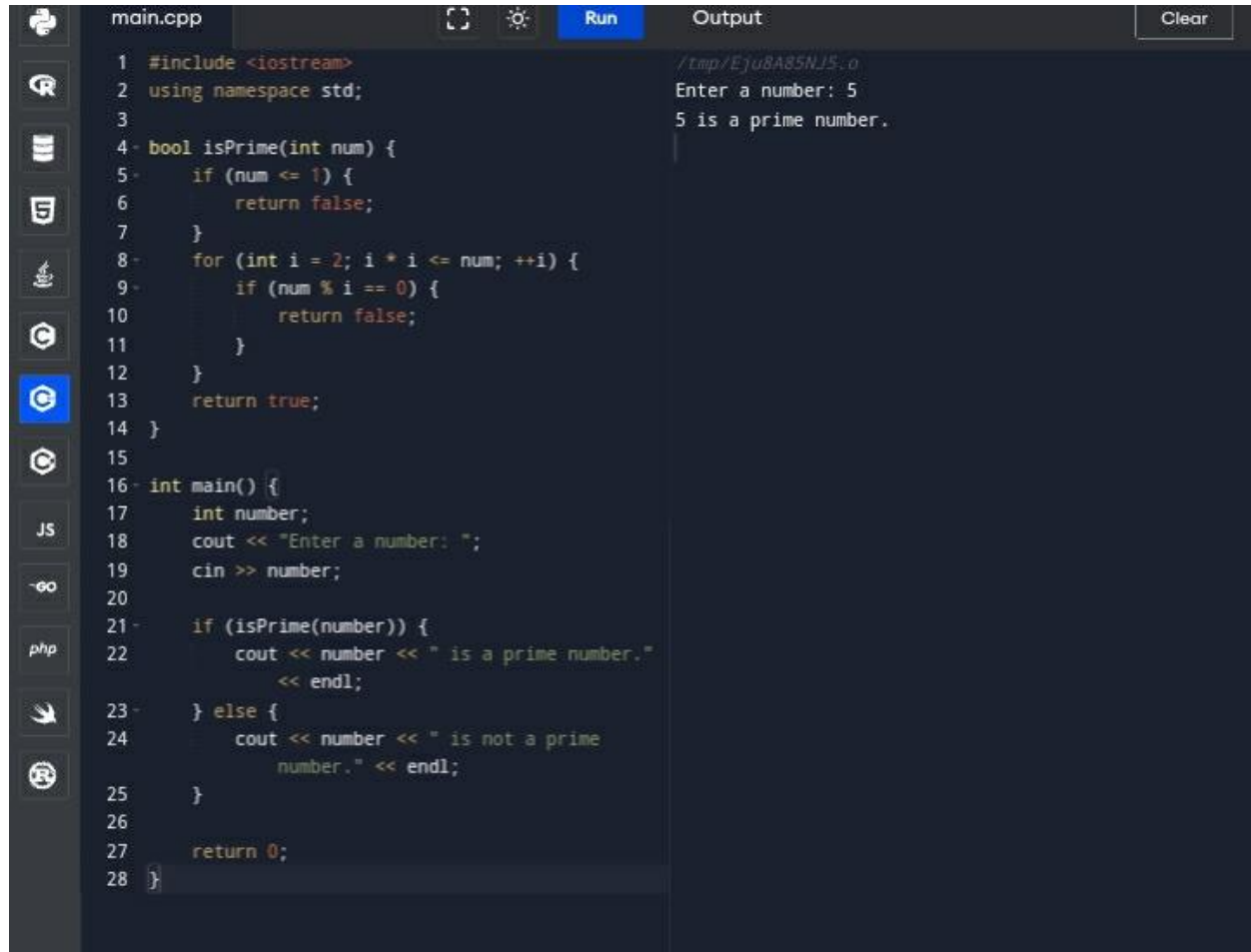
/tmp/bptvNBPMEV.o

Enter a number: 123

Sum of digits: 6  
123

dash: 2: 123: not found

Q3



The image shows a screenshot of a C++ IDE. The editor window displays a file named `main.cpp` with the following code:

```
1 #include <iostream>
2 using namespace std;
3
4 bool isPrime(int num) {
5     if (num <= 1) {
6         return false;
7     }
8     for (int i = 2; i * i <= num; ++i) {
9         if (num % i == 0) {
10             return false;
11         }
12     }
13     return true;
14 }
15
16 int main() {
17     int number;
18     cout << "Enter a number: ";
19     cin >> number;
20
21     if (isPrime(number)) {
22         cout << number << " is a prime number."
23             << endl;
24     } else {
25         cout << number << " is not a prime
26             number." << endl;
27     }
28     return 0;
29 }
```

The IDE interface includes a sidebar on the left with icons for file explorer, search, and other tools. The top bar has buttons for "Run" and "Clear". The output window on the right shows the execution results:

```
/tmp/Ej08A85NJS.o
Enter a number: 5
5 is a prime number.
```