

```
0° [[
                                                                                                                    83
                                                                                                                              Q
                                                                                                                                        int main(){
                                      myusuf - index - 80×24
                                                                                                                     مړ
Last login: Thu Mar 6 15:55:28 on ttys000 yusuf0MacBook-Air ~ % /Users/yusuf/Documents/tut2/index ; exit; Give measure: 2 Your measure in feet(1) or inches(2) 1
                                                                                                                                              cout << "Give measure: ":</pre>
                                                                                                                                              cin >> mes;
                                                                                                                                              cout << "Your measure in feet(1) or inches(2) ";</pre>
Your measure: 24
Saving session...
...copying shared history...
...saving history...truncating history files...
...completed.
                                                                                                                                              int opt;
                                                                                                                    cin >> opt;
                                                                                                                                              if(opt == 1){
                                                                                                                                                   cout << "Your measure: " << mes * 12;</pre>
                                                                                                                                              }else if (opt == 2)
[Process completed]
                                                                                                                                                   cout << "Your measure: " << mes * 2.54;</pre>
                                                                                                                               PROBLEMS TERMINAL \cdots \Sigma C/C++: g++ build active file \checkmark + \checkmark \square
                                                                                                                               /usr/bin/g++ -fdiagnostics-color=always -g /Users/yusuf/Documents/tut2/pp -o /Users/yusuf/Documents/tut2/index
                                                                                                                               Build finished successfully.

* Terminal will be reused by tasks.
        POI
```

```
using namespace std;
      int main() {
          int x, y, speed, ticket;
          double score;
          if (y > 0) {
              x = 1;
          if (score > 80 && score < 90) {
              score += 5;
16
          // 3. Print true if x is odd and positive
          if (x > 0 \&\& x % 2 != 0) {
              cout << "true" << endl;</pre>
          if (x > 0 \& y > 0) {
              cout << "true" << endl;</pre>
          ticket = (speed > 55) ? 1 : 0;
          return 0;
PROBLEMS
           OUTPUT
                     DEBUG CONSOLE
                                      TERMINAL
                                                  PORTS
true
true
```

```
using namespace std;
        int main() {
            int number = 100;
            for (int number = 100; number > 10; number -= 5) {
                 cout << number << endl;</pre>
            do {
                cout << number << endl;
                 number -= 5;
            while (number > 10);
            return 0;
PROBLEMS OUTPUT DEBUG CONSOLE
                                            TERMINAL
                                                         PORTS
20
15
100
95
90
85
80
75
70
65
55
45
40
35
30
25
20
15
```

```
#include <iostream>
      #include <string>
 4 using namespace std;
 Click to add a breakpoint
      int main() {
          string input;
           int uppercaseCount = 0;
           cout << "Enter a String: ";</pre>
           getline(cin, input);
           for (char ch : input) {
              if (isupper(ch)) {
                  uppercaseCount++;
           cout << "The number of uppercase letters is " << uppercaseCount << endl;</pre>
           return 0;
PROBLEMS OUTPUT DEBUG CONSOLE
                                       TERMINAL PORTS
Enter a String: HHHjj
The number of uppercase letters is 3
```

```
#include <iostream>
     using namespace std;
     bool isPrime(int num) {
         if (num < 2) return false;</pre>
         for (int i = 2; i * i <= num; i++) {
             if (num % i == 0) return false;
         return true;
     void printPrimes(int start, int end) {
         cout << "Prime Numbers between " << start << " to " << end << endl;
         cout << "=======" << endl;</pre>
         int count = 0; // To format output properly
          for (int i = start; i <= end; i++) {</pre>
             if (isPrime(i)) {
                 cout << i << "\t";
                 count++;
                 if (count % 7 == 0) cout << endl;</pre>
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         cout << "\n========" << endl;</pre>
      int main() {
         int start, end;
         cout << "Start value: ";</pre>
         cin >> start;
         cout << "End value: ";</pre>
         cin >> end;
         printPrimes(start, end);
         return 0;
                                               PORTS
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Start value: 30
End value: 90
Prime Numbers between 30 to 90
                                      53
61
       67
               71
                       73
                               79
                                      83
```