File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

TDM-GCC 4.9.2 64-bit Debug

(globals)

Project   Classes   Debug   lab04_task07.cpp   Untitled2

```cpp
 3    using namespace std;
 4    int main(){
 5      float temperature;
 6      int pulseRate;
 7       cout << "Enter your body temperature (in F): ";
 8       cin >> temperature;
 9
10      cout << "Enter your pulse rate (per minute): ";
11      cin >> pulseRate;
12
13      if (temperature > 98.6) {
14        cout << "You are suffering from fever.";
15        if (pulseRate > 72) {
16          cout << " You need to go to hospital for check up.";
17          if (temperature > 102) {
18            cout << "\nTake two Panadol medicine immediately and visit the doctor.";
19          }
20        }
21      } else {
22        cout << "You do not have fever.";
23      }
24      return 0;
25    }
```

C:\Users\ESHOP\Documents\PRACTICE_PROGRAMMING_C++\lab04_tas...

```
Enter your body temperature (in F): 102
Enter your pulse rate (per minute): 74
You are suffering from fever. You need to go to hospital for check up.
--------------------------------
Process exited after 18.99 seconds with return value 0
Press any key to continue . . .
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

☐ Shorten compiler paths

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ESHOP\Documents\PRACTICE_PROGRAMMING_C++\lab04_task07.exe
- Output Size: 1.887375831604 MiB
- Compilation Time: 0.81s
```

ine: 25   Col: 2   Sel: 0   Lines: 25   Length: 625   Insert   Done parsing in 0.047 seconds

Type here to search

10:38 AM
9/15/2024

```cpp
1    // lab04_task05
2    #include <iostream>
3    using namespace std;
4    int main() {
5        double num1, num2, num3, num4, num5;
6        double sum, average;
7        cout << "Enter 5 numbers:" << endl;
8        cout << "Number 1: ";
9        cin >> num1;
10       cout << "Number 2: ";
11       cin >> num2;
12       cout << "Number 3: ";
13       cin >> num3;
14       cout << "Number 4: ";
15       cin >> num4;
16       cout << "Number 5: ";
17       cin >> num5;
18       sum = num1 + num2 + num3 + num4 + num5;
19       average = sum / 5;
20       cout << "Sum: " << sum << endl;
21       cout << "Average: " << average << endl;
22
23       return 0;
```

C:\Users\ESHOP\Documents\PRACTICE_PROGRAMM...   —   □   ✕

```
Enter 5 numbers:
Number 1: 2
Number 2: 4
Number 3: 6
Number 4: 8
Number 5: 10
Sum: 30
Average: 6

--------------------------------
Process exited after 9.672 seconds with return value 0
Press any key to continue . . .
```

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

TDM-GCC 4.9.2 64-bit Debug

(globals)

Project   Classes   Debug   lab04_task06.cpp

```cpp
 8          cout << "Enter your percentage: ";
 9          cin >> percentage;
10
11          if (percentage >= 90 && percentage <= 100) {
12              cout << "Your grade is: A+";
13          } else if (percentage >= 80 && percentage < 90) {
14              cout << "Your grade is: A";
15          } else if (percentage >= 70 && percentage < 80) {
16              cout << "Your grade is: B";
17          } else if (percentage >= 60 && percentage < 70) {
18              cout << "Your grade is: C";
19          } else if (percentage < 60 && percentage >= 0) {
20              cout << "You are failed.";
21          } else {
22              cout << "Invalid percentage.";
23          }
24
25          return 0;
26      }
27
28
29
30
```

C:\Users\ESHOP\Documents\PRACTICE_PROGRAM...

```
Enter your percentage: 60
Your grade is: C
--------------------------------
Process exited after 3.823 seconds with return value 0
Press any key to continue . . .
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

Shorten compiler paths

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ESHOP\Documents\PRACTICE_PROGRAMMING_C++\lab04_task06.exe
- Output Size: 1.887864112854 MiB
- Compilation Time: 0.81s
```

ine: 26   Col: 2   Sel: 0   Lines: 30   Length: 649   Insert   Done parsing in 0.031 seconds

Type here to search

10:11 AM
9/15/2024

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

TDM-GCC 4.9.2 64-bit Debug

(globals)

Project   Classes   Debug

lab04_task4.cpp

```cpp
1    #include <iostream>
2    using namespace std;
3
4    int main() {
5        int a, b, c;
6
7        cout << "Enter three numbers: ";
8        cin >> a >> b >> c;
9
10       if (a > b) swap(a, b);
11       if (a > c) swap(a, c);
12       if (b > c) swap(b, c);
13
14       cout << "Here is the sorted series of the numbers you entered:\n";
15       cout << a << " " << b << " " << c << "\n";
16
17       return 0;
18   }
19
20
21
```

```
Enter three numbers: 12
56
87
Here is the sorted series of the numbers you entered:
12 56 87

--------------------------------
Process exited after 5.276 seconds with return value 0
Press any key to continue . . .
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

☐ Shorten compiler paths

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ESHOP\Documents\PRACTICE_PROGRAMMING_C++\lab04_task4.exe
- Output Size: 1.88866806030273 MiB
- Compilation Time: 0.73s
```

ine: 1   Col: 1   Sel: 0   Lines: 21   Length: 377   Insert   Done parsing in 0.032 seconds

Type here to search

83.5%   8:27 PM
                         9/14/2024

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

TDM-GCC 4.9.2 64-bit Debug

(globals)

Project   Classes   Debug

abc.cpp   [*] Admission_Eligibility_Criteria.cpp   lab04_task3.cpp

```cpp
1    //Lab04_task3
2    #include <iostream>
3    using namespace std;
4    int main(){
5        float miles;
6
7        cout << "Please enter the distance in Miles: ";
8        cin >> miles;
9
10       float kilometers = miles * 1.60934;
11
12       cout << "Distance after conversion into km  : " << kilometers << endl;
13
14       return 0;
15   }
16
```

C:\Users\ESHOP\Documents\PRACTICE_PROGRAMMI...

```
Please enter the distance in Miles: 10
Distance after conversion into km  : 16.0934

--------------------------------
Process exited after 7.284 seconds with return value 0
Press any key to continue . . .
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

Shorten compiler paths

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ESHOP\Documents\PRACTICE_PROGRAMMING_C++\lab04_task3.exe
- Output Size: 1.8875617980957 MiB
- Compilation Time: 0.70s
```

ine: 15   Col: 2   Sel: 0   Lines: 16   Length: 307   Insert   Done parsing in 0.015 seconds

Type here to search

2:50 PM
9/14/2024

```cpp
1    #include <iostream>
2    using namespace std;
3    int main(){
4        int age;
5        float percentage;
6        int passing_year;
7        cout<<"Enter your age";
8        cin>>age;
9        cout<<"Enter your percentage";
10       cin>>percentage;
11       cout<<"Enter your passing year";
12       cin>>passing_year;
13       if(age<=25 && percentage>=50 && passing_year>=2021)
14       cout<<"You're eligible to apply";
15       else
16       cout<<"You're not eligible to apply";
17
18
19
20
21
22
23
```

Console output:

C:\Users\ESHOP\Documents\PRACTICE_PROGRA...

```
Enter your age18
Enter your percentage54
Enter your passing year
2021
You're eligible to apply
--------------------------------
Process exited after 14.76 seconds with return value 0
Press any key to continue . . .
```

Compile Log ✓ Debug 🔍 Find Results Close

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ESHOP\Documents\PRACTICE_PROGRAMMING_C++\Admission_Eligibility_Criteria.exe
- Output Size: 1.88740921020508 MiB
- Compilation Time: 1.00s
```

Sel: 0   Lines: 29   Length: 438   Insert   Done parsing in 0.031 seconds

to search

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

TDM-GCC 4.9.2 64-bit Debug

(globals)

Project   Classes   Debug   abc.cpp

```
 3
 4  int main() {
 5      char letter;
 6
 7      cout << "Enter a letter: ";
 8      cin >> letter;
 9
10      if (letter == 'a' || letter == 'A' || letter == 'e' || letter == 'E' ||
11          letter == 'i' || letter == 'I' || letter == 'o' || letter == 'O' ||
12          letter == 'u' || letter == 'U')
13          cout << "This is Vowel";
14
15      else if (letter == 'y' || letter == 'Y')
16          cout << "This is Semi-vowel";
17
18      else if ((letter >= 'a' && letter <= 'z') || (letter >= 'A' && letter <= 'Z'))
19          cout << "This is Consonant";
20
21      else
22          cout << "Neither it is vowel nor consonant";
23
24      return 0;
25  }
```

C:\Users\ESHOP\Documents\PRACTICE_PROGRAMMIN...

Enter a letter: A
This is Vowel

Process exited after 2.156 seconds with return value 0
Press any key to continue . . .

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ESHOP\Documents\PRACTICE_PROGRAMMING_C++\abc.exe
- Output Size: 1.887375831604 MiB
- Compilation Time: 0.70s
```

ine: 13   Col: 26   Sel: 0   Lines: 34   Length: 702   Insert   Done parsing in 0.032 seconds

Type here to search