# RAI AZMAT TARIQ LMS ID 465039 LAB TASKS 3

### **Q1**.

```
#include <iostream>
  using namespace std;
  int main ()
} E
      char x;
      cout<<"Enter the province name:- "<<endl;</pre>
      cout<<"1.Enter 'P' for PUNJAB"<<endl;
      cout<<"2.Enter 'K' for KPK"<<endl;</pre>
      cout<<"3.Enter 'S' SINDH"<<endl;
cout<<"4.Enter 'B' BALOUCHISTAN"<<<endl;</pre>
      cin>>x;
3
      switch(x){
               cout<<"Population of punjab is 110 million"<<endl;</pre>
               break;
               cout<<"Population of kpk is 40.8 million"<<endl;
               break;
                   case 'S':
               cout<<"Population of sindh is 54 million"<<endl;
                   case 'B':
               cout<<"Population of balouchistan is 20.7 million"<<endl;</pre>
               default:
                   cout<<"Enter a correct letter"<<endl;</pre>
      return 0;
Enter the province name:-
1.Enter 'P' for PUNJAB
2.Enter 'K' for KPK
3.Enter 'S' SINDH
4.Enter 'B' BALOUCHISTAN
Population of punjab is 110 million
Process exited after 2.256 seconds with return value 0
Press any key to continue . . .
```

### **Q2.**

```
#include<iostream>
      using namespace std;
 3
      int main()
4 🖵 {
 5
          char alp;
 6
          cout<<"Enter a alphabet"<<endl;</pre>
 7
          cin>>alp;
 8
 9
          switch(alp)
10 🖨
              case 'a':
11
12
                   cout<<"Vowel"<<endl;
13
                   break;
14
              case 'e':
                   cout<<"Vowel"<<endl;
15
16
                   break;
              case 'i':
17
                   cout<<"Vowel"<<endl;</pre>
18
19
                   break;
20
              case 'o':
                  cout<<"Vowel"<<endl;
21
22
                   break;
23
              case 'u':
                   cout<<"Vowel"<<endl;
24
25
                   break;
26
              default:
27
                   cout<<"NOt a vowel!"<<endl;</pre>
28
                   break;
29
30
31
          return 0;
32
```

```
Enter a alphabet
a
Vowel
-----Process exited after 9.015 seconds with return value 0
Press any key to continue . . .
```

### **Q3.**

### **Q4**.

```
#include<iostream>
      using namespace std;
  3
      int main()
  4 □ {
  5
           int age;
  6
           cout<<"Enter your age:-"<<endl;</pre>
  7
           cin>>age;
  8
  9
           if(age>=1 && age<=12)
 10 🗀
               cout<<"You are a child"<<endl;
 11
 12
 13
14
           else if(age>=13 && age<=17)
 15 -
 16
               cout<<"You are a teenager"<<endl;
 17
 18
 19
          else
 20 🖃
               cout<<"You are a adult"<<endl;
 21
 22
 23
 24
           return 0;
 25
     C:\Users\Noman Traders\Desktop\adult teen child.exe
    Enter your age:-
Comp 19
    You are a adult
- E1
Otprocess exited after 2.68 seconds with return value 0
 <sup>Ol</sup>Press any key to continue . . .
```

# **Q5**.

```
1
           #include<iostream>
        2
             using namespace std;
             int main()
        3
        4 🖵 {
                 int x,y,z;
        5
                 cout<<"Enter the three numbers"<<endl;</pre>
        6
        7
                 cin>>x>>y>>z;
        8
        9
                 if(x>y && x>z)
       10 🗀
                     cout<<"x is the greatest number"<<endl;</pre>
       11
       12
       13
                 else if(y>z && y>x)
       14 🗀
                    cout<<"y is the greatest number"<<endl;
       15
       16
                 else if(z>x && z>y)
       17
       18 -
                    cout<<"z is the greatest number"<<endl;</pre>
       19
       20
       21 🖃
                 else{
                    cout<<"Numbers are equal"<<endl;</pre>
       22
       23
       24
       25
                 return 0;
    C:\Users\Noman Traders\Desktop\three numbers.exe
esou
    Enter the three numbers
   2 3 4
    z is the greatest number
Daths Process exited after 2.51 seconds with return value 0
   Press any key to continue . . .
```

## **Q6.**

```
#include<iostream>
   using namespace std;
  int main()
       char a;
       cout<<"Enter a Alphabet: ";
       cin>>a;
       if(a=='a' || a=='e' || a=='i' || a=='o' || a=='u')
           cout<<"A vowel"<<endl;
       else if(a=='A'|| a=='E' || a=='I' || a=='0' || a=='U')
           cout<<"A vowel"<<endl;
       else
           cout<<"Consonant"<<endl;</pre>
       return 0;
     C:\Users\Noman Traders\Desktop\vowel.exe
    Enter a Alphabet: A
Con<sup>A</sup> vowel
oila
----Process exited after 2.117 seconds with return value 0
press any key to continue . . .
arni
strut Size: 1 93260017663574 MiR
```