

Lab report 3 home tasks

```
#include<iostream>

using namespace std;

int main()

{

{

int x;

cout<<"provinces:\n punjab=1\n sindh=2\n balochistan=3\n KPK=4"<<endl;

cin>>x;

switch(x)

{case 1:

cout<<"127,474,000"<<endl;

break;

case 2:

cout<<"54,858,515"<<endl;

break;

case 3:
```

```
cout<<"20,094,659"<<endl;
```

```
    break;
```

```
    case 4:
```

```
cout<<"39,372,462"<<endl;
```

```
    break;
```

```
    default:
```

```
cout<<"not found"<<endl;
```

```
    }
```

```
}
```

```
{
```

```
    char k;
```

```
cout<<"Enter any alphabet "<<endl;
```

```
cin>>k;
```

```
switch(k)
{
    case 'a':
    case 'e':
    case 'i':
    case 'o':
    case 'u':

        cout<<"The alphabet you written is a vowel";

        break;

    default:

        cout<<"The alphabet you written is an consonant "<<endl;

}

}
```

```
    {  
        int z;  
        int x;  
        cout<<" enter any number "<<endl;  
        cin>>x;  
        if (x>0){z=1;}  
        else if (x==0){z=0;}  
        else if(x<0){z=-1;}  
        switch(z)  
        {  
            case 1:  
                cout<<" number is positive "<<endl;  
  
                break;  
  
            case 0:  
                cout<<"number is zero"<<endl;  
  
                break;
```

case -1:

```
cout<<"number is negative"<<endl;
```

default:

```
cout<<"error"<<endl;
```

```
}
```

```
}
```

```
{
```

```
int age;
```

```
cout<<"write your age"<<endl;
```

```
cin>>age;
```

```
if(age>=0&&age<13) {cout<<"you are a child"<<endl;}
```

```
else{if (age >=13&&age <=19){cout<<"you are a teenager"<<endl;}
```

```
else{cout<<"you are an adult"<<endl;}
```

```
}
```

```
}
```

```
{  
    int x;  
    int y;  
    int z;  
  
    cout<<"enter any three numbers "<<endl;  
    cin>>x >>y >>z;  
  
    if (x>y&& x>z){cout<<"fist number is greatest "<<endl;}  
    else{if(y>x&& y>z){cout<<"second number is greatest"<<endl;}  
    else{if(z>x&& z>y){cout<<" third number is greatest"<<endl;}}}  
  
    return 0;  
}
```

```
{  
    char a,e,i,o,A,u,E,l,O,U;  
  
    char x;  
  
    cout<<"enter any single alphabet"<<endl;  
  
    cin>>x;  
  
    if  
(x==A | |x==E | |x==I | |x==O | |x==U | |x==a | |x==e | |x==i | |x==o | |x==u){cout<<"Alp  
        habet is a vowel"<<endl;}  
  
    else{cout<<"Alphabet is a consonant"<<endl;}  
  
    return 0;  
  
}  
  
return 0;  
  
}
```

```
provinces:
punjab=1
sindh=2
balochistan=3
KPK=4
4
39,372,462
Enter any alphabet
A
The alphabet you written is an consonant
enter any number
4
number is positive
write your age
43
you are an adult
enter any three numbers
4
5
66
third number is greatest

Process returned 0 (0x0)   execution time : 18.696 s
Press any key to continue.
```


enter any single alphabet

a

Alphabet is a vowel

Process returned 0 (0x0) execution time : 2.973 s

Press any key to continue.