

Home Tasks

Task 1:

```
#include <iostream>

using namespace std;

int main() {

    char x;

    int y;

    cout<<" enter the first letter of the name of province ";

    cin>>x;

    switch(x){

        case 'p':

            cout<<" population of punjab is 110012444";

            break;

        case 's':

            cout <<"the population of sindh is 47886000 ";

            break;
```

```

case 'k':

cout <<" the population of kpk is = 30552155 ";

break;


case 'b':

cout <<"the population of balochistan is 12344523";

break;

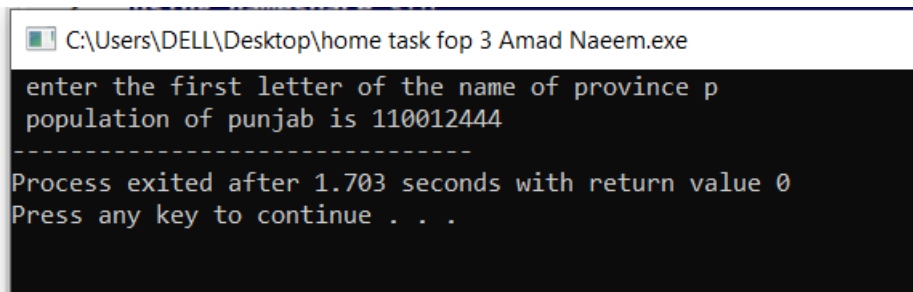

default:

cout<< "invalid input";

}

return 0;}

```



```

C:\Users\DELL\Desktop\home task fop 3 Amad Naeem.exe
enter the first letter of the name of province p
population of punjab is 110012444
-----
Process exited after 1.703 seconds with return value 0
Press any key to continue . . .

```

Task 2:

```

#include <iostream>

using namespace std;

int main() {

char a;

cout <<" character: ";

cin>>a;

```

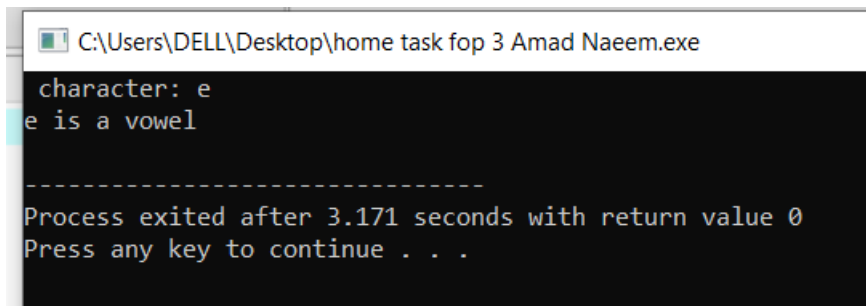
```

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

        cout <<a <<" is a vowel"<<endl;
        break;

    default:
        cout<<a<<" is a consonant"<<endl;
}
return 0;
}

```



```

C:\Users\DELL\Desktop\home task fop 3 Amad Naeem.exe
character: e
e is a vowel

-----
Process exited after 3.171 seconds with return value 0
Press any key to continue . . .

```

Task 3:

```

#include <iostream>

using namespace std;

int main() {
    float x;

    cout<<"enter a number"<<endl<<"num = ";

    cin >>x;

    switch(x>0){

```

```
case true:
```

```
cout<<"number is positive";
```

```
break;}
```

```
switch(x<0){
```

```
case true:
```

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

```
break;
```

```
}
```

```
switch(x==0){
```

```
case true:
```

```
cout <<"number is zero";
```

```
break;}
```

```
return 0;
```

```
}
```

```
C:\Users\DELL\Desktop\home task fop 3 Amad Naeem.exe
enter a number
num = 4
number is positive
-----
Process exited after 2.101 seconds with return value 0
Press any key to continue . . .
;
```

Task 4:

```
#include <iostream>

using namespace std;

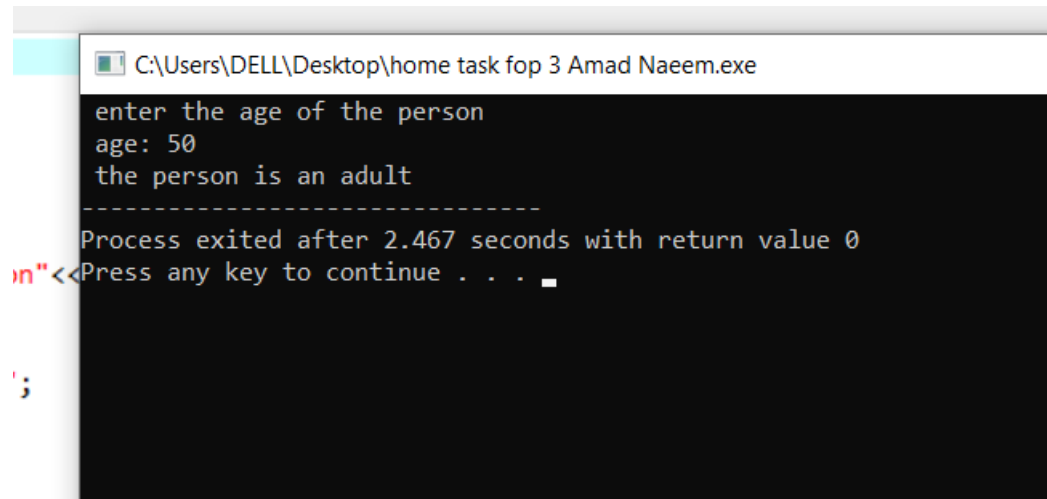
int main() {
    int a;

    cout<<" enter the age of the person"<<endl<<" age: ";
    cin>>a;

    if(a<=12){
        cout<<" the person is a child";
    }

    else{
        if(a>12&&a<=17){
            cout<<" the person is a teenager";
        }
        else{
            if(a>=18){
                cout<<" the person is an adult";}
            }
```

```
}  
}  
return 0;}
```



```
C:\Users\DELL\Desktop\home task fop 3 Amad Naeem.exe  
enter the age of the person  
age: 50  
the person is an adult  
-----  
Process exited after 2.467 seconds with return value 0  
Press any key to continue . . .
```

Task 5:

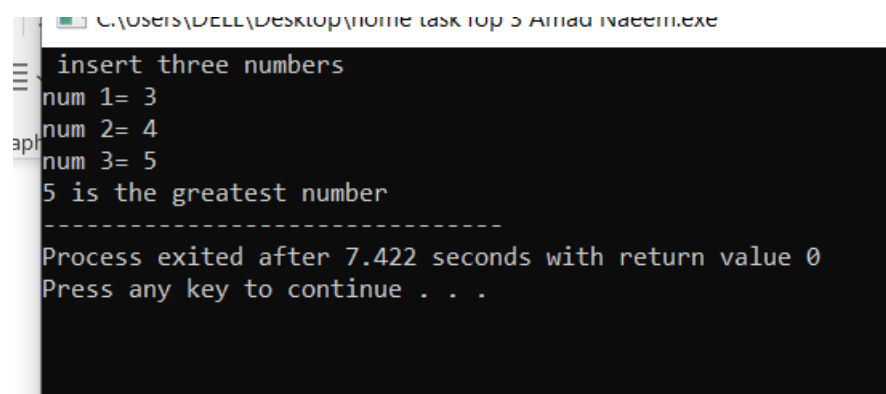
```
#include<iostream>  
using namespace std;  
int main(){  
  
float a,b,c;  
cout<<" insert three numbers"<<endl;  
cout<<"num 1= ";  
cin>>a;  
cout<<"num 2= ";  
cin>>b;  
cout<<"num 3= ";
```

```

cin>>c;
if(a>b&&a>c){
    cout<<a<<" is the greatest number";
}
else{
    if(b>a&&b>c){
        cout<<b<<" is the greatest number";
    }

else{
    if(c>b&&c>a){
        cout<<c<<" is the greatest number";
    }
}
}
return 0;}

```



```

C:\Users\DELL\Desktop\home task top 5 Ahmad Nadeem.exe
insert three numbers
num 1= 3
num 2= 4
num 3= 5
5 is the greatest number
-----
Process exited after 7.422 seconds with return value 0
Press any key to continue . . .

```

Task 5:

```
#include<iostream>

using namespace std;

int main(){

char x;

cout<<"enter the letter"<<endl<<"letter: ";

cin>>x;

if(x=='a')
{
    cout<<x<<" is a vowel";
}
else{
    if(x=='e')
    {cout<<x<<" is a vowel";
    }
    else{
        if(x=='i')
        { cout<<x<<" is a vowel";
        }
        else{
            if(x=='o')
            {cout<<x<<" is a vowel";
            }
            else{
```



```
        if(x=='u'){
            cout<<x<<" is a vowel";
        }
        else cout<<x<<" is a consonant";

    }

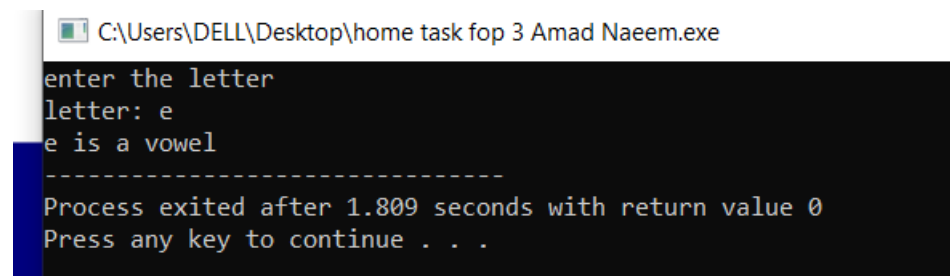
}

}

}

return 0;

}
```



```
C:\Users\DELL\Desktop\home task fop 3 Amad Naeem.exe
enter the letter
letter: e
e is a vowel
-----
Process exited after 1.809 seconds with return value 0
Press any key to continue . . .
```