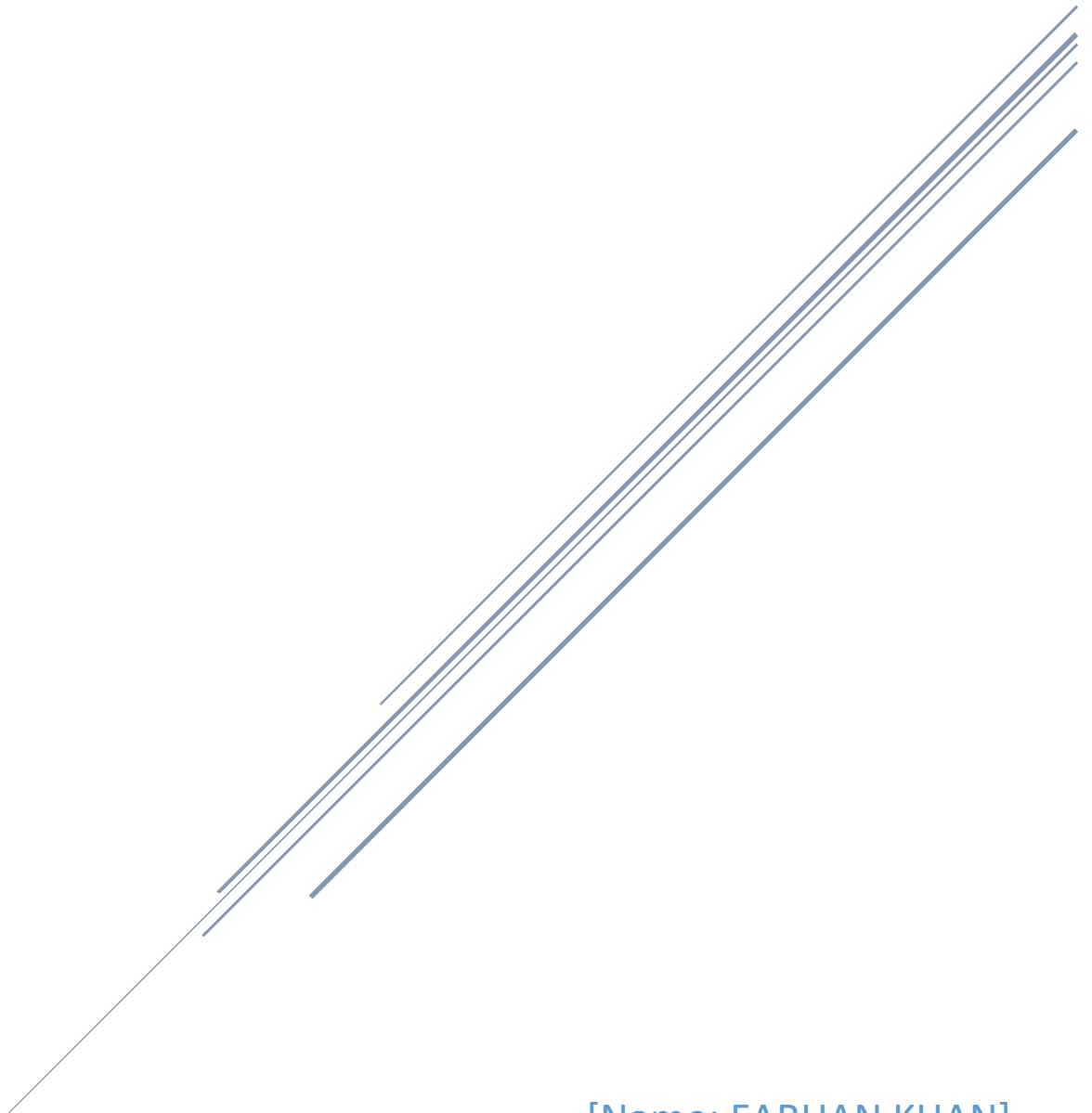


[LAB EXAM ANSWER PAPER]

[Programming Fundamentals]



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Q1)

ANS:

```
#include <iostream>
```

```
#include <cmath>
```

```
using namespace std ;
```

```
int main() {
```

```
    float A, B, C, s, Area;
```

```
    cout << "Please enter A: ";
```

```
    cin >> A;
```

```
    cout << "Please enter B: ";
```

```
    cin >> B;
```

```
    cout << "Please enter C: ";
```

```
    cin >> C;
```

```
    s=(A+B+C)/2;
```

```
    Area=sqrt(s*(s-A)*(s-B)*(s-C));
```

```
    cout<<"The area of the traingle is: "<<Area ;
```

```
    return 0;}
```

Q2)

ANS:

```
#include <iostream>
using namespace std ;
int main() {
    int P;
    cout << "Please enter your percentage: ";
    cin >> P;
    if(P >= 60)
        cout << "You got 1st division ";
    else if(P >= 50)
        cout << "You got 2nd division " ;
    else if(P >= 40)
        cout << "You got 3rd division ";
    else
        cout << "Sorry you got fail better luck next time:";
    return 0;}
```

Q3)

ANS:

```
#include <iostream>
using namespace std ;
int main() {
    float a, b;
    cout<< "      Converting 5 feet to inches and Yard:\n";
    cout<< "_____ \n";
    a=5*12;
    cout<< "5 feet = "<<a<<" inches:\n";
    b=5.0/3.0;
    cout<< "5 feet = "<<b<<" yard:\n";
    return 0;}
```

Q4)

ANS:

```
#include <iostream>
using namespace std ;
int main() {
    int sum;
    cout <<"      Sum of the given series:\n";
    cout <<"~~~~~\n";
    sum = 2+4+6+8+10;
    cout <<"Sum = "<< sum ;
    return 0;}
```

Q5)

ANS:

```
#include <iostream>

using namespace std ;

int main() {

    float Hw, Hr;

    float GP , Tax , NP;

    cout<<" Please enter the 'Hours Worked': ";

    cin>> Hw ;

    cout<<" Please enter the 'Hour Rate': ";

    cin>> Hr ;

    GP= Hw*Hr;

    cout<<"\nGross-Pay = "<< GP << endl;

    Tax=GP*0.1;

    cout<<"Tax = "<< Tax <<endl;

    NP=GP-Tax;

    cout<<"Net-Pay = "<< NP <<endl;

    return 0;}
```

☺END☺

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