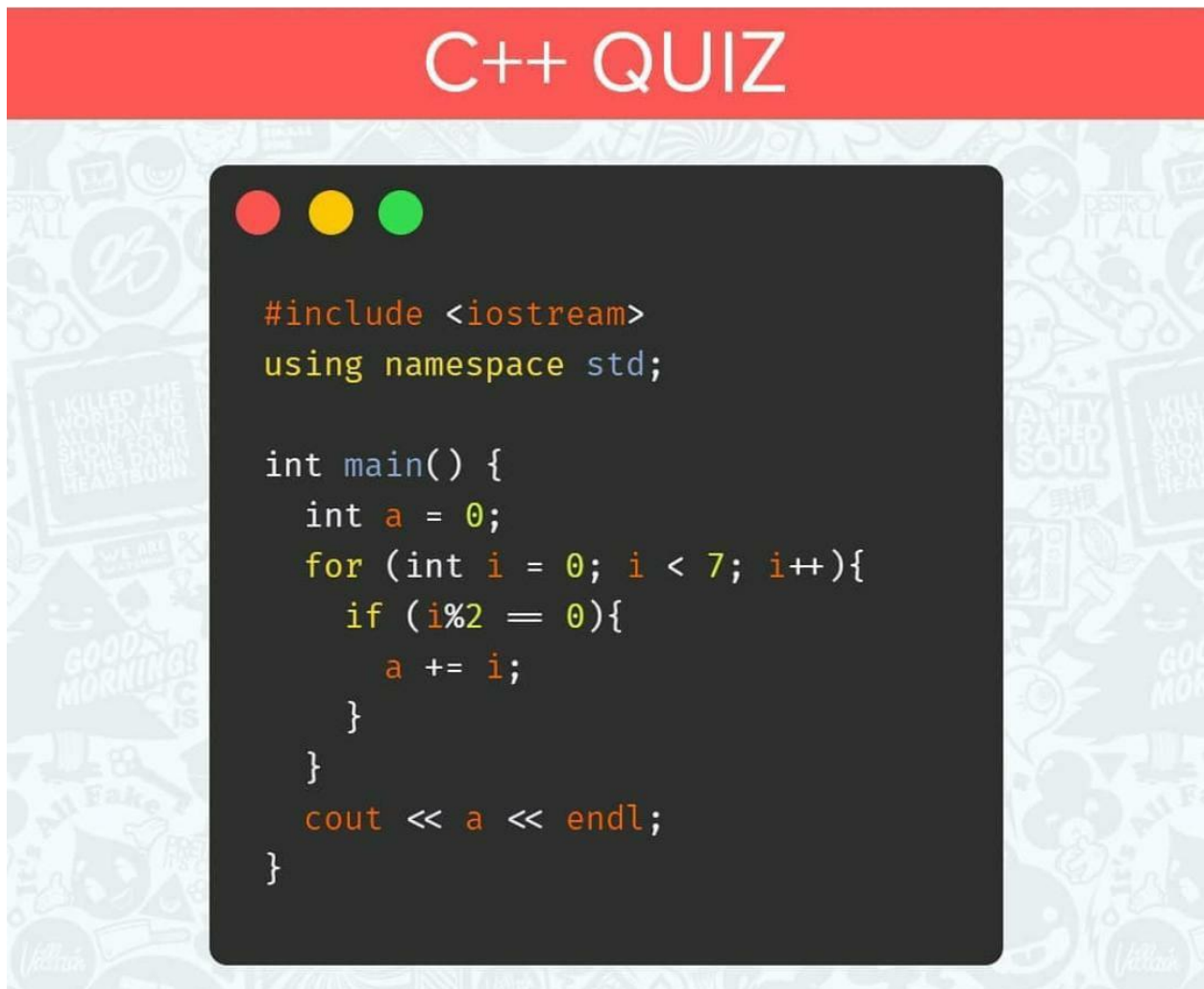**Dasar Pemograman**

Quiz ke-2 (Waktu pengerjaan 70 menit, upload 10 menit)

Nama : Farhan Naufal N

Kelas : Kelas 1B

Mahasiswa harus menggunakan logika berpikirnya untuk dapat menebak output yang akan dihasilkan dari coding dibawah ini,

Soal 1.


```cpp
#include <iostream>
using namespace std;

int main() {
    int a = 0;
    for (int i = 0; i < 7; i++){
        if (i%2 == 0){
            a += i;
        }
    }
    cout << a << endl;
}
```

Jawab : 12

Soal 2.

C++ QUIZ

```cpp
int A[5] = {6,2,7,8,9};

  for (int i = 0; i < 6; i++){
    if (A[i] < 7){
      continue;
    }
    else {
      cout << A[i] << endl;
      break;
    }
  }
```

Jawab : 7 8 9 ber urut kebawah karna ada endl

Soal 3.

C++ QUIZ

```cpp
int b[5] = {3,5,7,9,2};
  if (b[2] > 7){
    cout << b[2] + b[0] << endl;
  }
  else{
    cout << b[2] - b[0] << endl;
  }
```

Jawab : 4

Soal 4.

C++ QUIZ

```cpp
int a[5] = {2,3,4,5,6};
int k = 0;
for (int i=0;i<5;i++){
    if (a[i] < 4){
        continue;
    }
    else if (a[i] > 4){
        k += a[i];
    }
}
cout << k << endl;
```

Jawab : 11

Soal 5.

C++ QUIZ

```cpp
int k =0;

for (int i=3;i<14;i+=4){
    k = k - i;
}

cout << k+3 << endl;
```

Jawab : 1

Soal 6.

C++ QUIZ

```cpp
int a[7] = {9,7,2,1};

a[4] = a[3] - 2;

cout << a[4] + a[6] << endl;
```

Jawab : 1

Soal 7.

```cpp
int a[5] = {4,5,6,7,8};
int x = 5;

while (x < 8){
    a[x-3] = x+3;
    x += 1;
}

cout << x + a[3] << endl;
```

Jawab : 13

Soal 8.

C++ QUIZ

```cpp
int k = 0;
int a[4] = {2,1,3};

if (a[3] > 0){
    cout << a[3] << endl;
}
else{
    for(int i=0; i < 3;i++){
        k += a[i];
    }
    cout << k << endl;
}
```
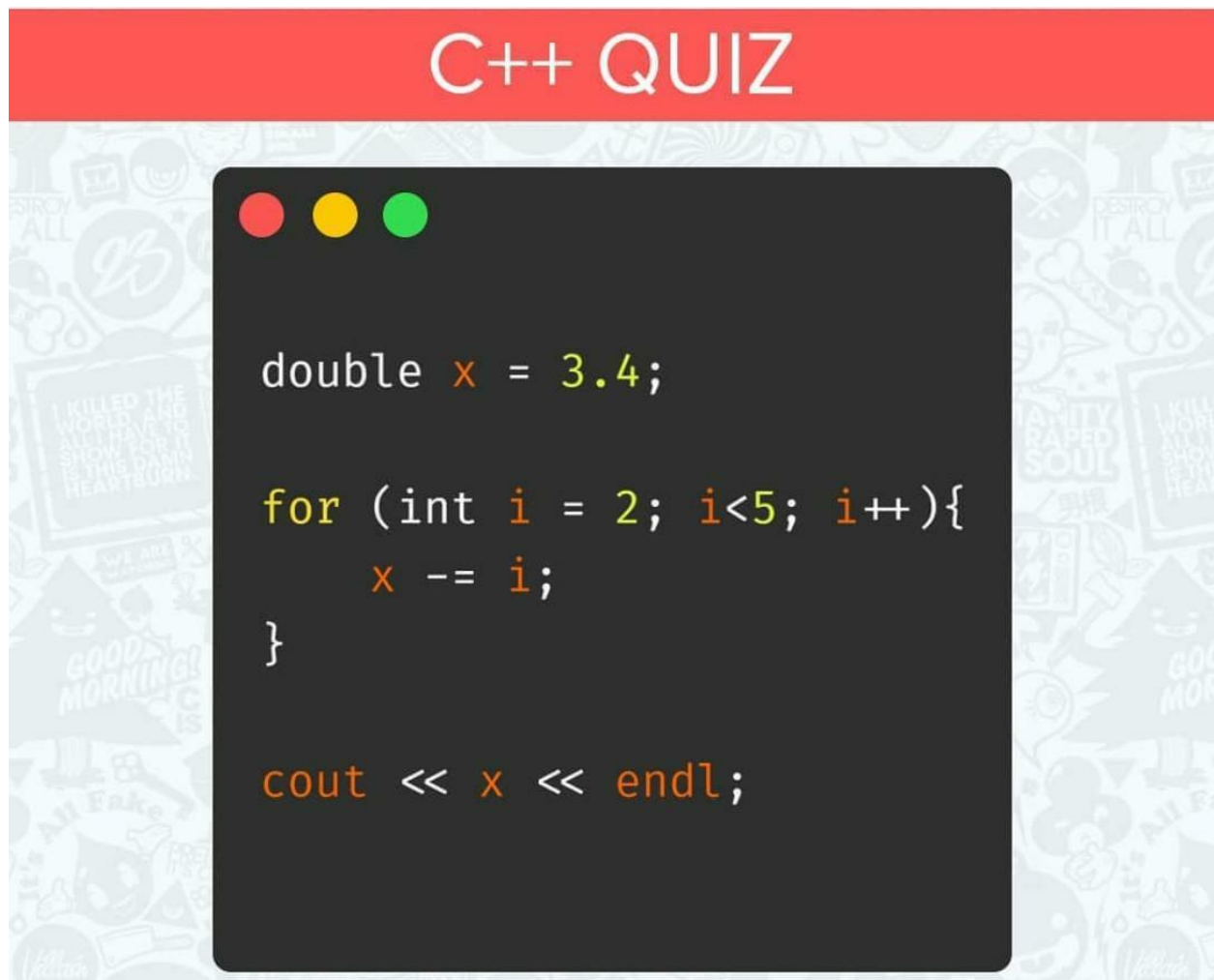
Jawab : 2,1

Soal 9.

C++ QUIZ

```cpp
string a = "hello";
int x = 2;

while(a.size() < 8 and x < 8){
    x += 1;
}

cout << a << x << endl;
```

Jawab : hello, 3,4,5,6,7

Soal 10.

Jawab = -5.6

Kumpulan quiz tersebut di SPOT UPI paling lambat 1 Desember pukul 14.20 WIB.