

Insert missing parts, analyze what happens, correct fault code

10 Minutes: (The total of 100 points can be reached by answering correctly 4 out of the 5 questions.)

1. What does it print

```
int x;
for(x=0; x<7; x+=2)
{
    cout<<x << "+";
}
cout << endl;
```

2. What does it print

```
double x=3;
while (x < 10)
{
    x = x * x;
}
cout << x << endl;
```

3. Set y so that that the code snippets prints out 0.25

```
double x=0.5;
double y=-----;
if(x < 1.0) && ( y > -21.2) && (y<=5)
{
    x = x * x;
}
cout << x << endl;
```

4. What does it print?

```
cout << ":";
for(int x=10; x>0; x--) {
    if((x>4) && (x<7)) {
        if (x==5) {
            cout << ")";
        } else {
            cout << "-";
        }
    }
}
}
```

5. Why does it print 100, what is wrong with this code?

```
int x;
for(x=0; x<100; x++);
{
    cout<<x;
}
```