Praktikum

1.

```cpp
nineth > G praktikum1.cpp > ⦿ main()
1    #include <iostream>
2
3    using namespace std;
4
5    class Mobil {
6        public:
7            string merek;
8            int tahun;
9
10       void tampilInfo() {
11           cout << "merek: " << merek << ", tahun: " << tahun << endl;
12       }
13   };
14
15   int main () {
16
17       Mobil mobil1;
18       mobil1.merek = "toyota";
19       mobil1.tahun = 2000;
20       mobil1.tampilInfo();
21
22   }
```

```
PROBLEMS    OUTPUT    PORTS    DEBU

PS E:\UNIKU\praktikum>  & 'c:\Use
her.exe' '--stdin=Microsoft-MIEng
oqx4brg.rhn' '--pid=Microsoft-MIE
merek: toyota, tahun: 2000
```

2.

```cpp
#include <iostream>
#include <string>

using namespace std;

class Animal {
    public:
        string name;
        int age;

        void eat() {
            cout << name << " is eating." << endl;
        }
};


class Dog: public Animal{
    public:
        void bark() {
        cout << name << " is barking" << endl;
        }
};

int main () {
    Dog dog;
    dog.name = "budi";
    dog.age = 6;

    dog.eat();
    dog.bark();
}
```

```
PS E:\UNIKU\praktikum>  & 'c:\Users
her.exe' '--stdin=Microsoft-MIEngin
in4xtvi.giv' '--pid=Microsoft-MIEng
budi is eating.ine-Error-ein4xtvi.g
budi is barking' ;964a8820-5c8d-430
```

Post Test

1.

```cpp
nineth > C+ postTest.cpp > Cat > makeSound()
1    #include <iostream>
2    #include <string>
3
4    using namespace std;
5
6    class Animal {
7        public:
8            string name;
9            int age;
10
11           virtual void makeSound() {
12               cout << name << " Animals make a sound!" << endl;
13           }
14   };
15
16   class Dog : public Animal {
17   public:
18       void makeSound() override {
19           cout << name << " barks!" << endl;
20       }
21   };
22
23   class Cat : public Animal {
24   public:
25       void makeSound() override {
26           cout << name << " meows!" << endl;
27       }
28   };
29
```

```cpp
29
30    int main () {
31
32        Dog dog;
33        dog.name = "buddy";
34        dog.age = 5;
35
36        Cat cat;
37        cat.name = "mittens";
38        cat.age = 3;
39
40        Animal* animal1 = &dog;
41        animal1->makeSound();
42        Animal* animal2 = &cat;
43        animal2->makeSound();
44
45    }
```

```
PS E:\UNIKU\praktikum>  &
her.exe' '--stdin=Microso
4mooog4.rxg' '--pid=Micro
buddy barks!
mittens meows!
```