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Tugas : Pertemuan 8 (Polymorphism)

- Class PrinterWindows

```
public class PrinterWindows {  
    public virtual void Show(){  
        Console.WriteLine("Printer Windows display dimention");  
    }  
    public virtual void Print(){  
        Console.WriteLine("Printer Windows printing ....");  
    }  
}
```

- Class Epson

```
public class Epson : PrinterWindows {  
    public override void Show(){  
        Console.WriteLine("Epson display dimention : 10*11");  
    }  
    public override void Print(){  
        Console.WriteLine("Epson printer printing ....");  
    }  
}
```

- Class Canon

```
public class Canon : PrinterWindows {  
    public override void Show(){  
        Console.WriteLine("Canon display dimention : 9.5*12");  
    }  
    public override void Print(){  
        Console.WriteLine("Canon printer printing ....");  
    }  
}
```

- Class LaserJet

```
public class LaserJet : PrinterWindows {  
    public override void Show(){  
        Console.WriteLine("LaserJet display dimention : 12*12");  
    }  
    public override void Print(){  
        Console.WriteLine("LaserJet printer printing ....");  
    }  
}
```

- Class Program

```
class Program {  
    static void Main(string[] args){  
        PrinterWindows printer;  
  
        Console.WriteLine("\nPilih Printer : ");  
        Console.WriteLine("1. Epson");  
        Console.WriteLine("2. Canon");  
        Console.WriteLine("3. LasetJet\n");  
  
        Console.Write("Nomor Printer [1..3] : ");  
        int nomorPrinter = Convert.ToInt32(Console.ReadLine());  
  
        if (nomorPrinter == 1){  
            printer = new Epson();  
        } else if (nomorPrinter == 2){  
            printer = new Canon();  
        } else{  
            printer = new LaserJet();  
        }  
  
        printer.Show();  
        printer.Print();  
  
        Console.ReadKey();  
    }  
}
```

- Output

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  POLYGLOT NOTEBOOK

PS C:\22.11.5209\Pemro-C-Sharp\printer-windows> dotnet run

Pilih Printer :
1. Epson
2. Canon
3. LasetJet

Nomor Printer [1..3] : 1
Epson display dimention : 10*11
Epson printer printing ....
█
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  POLYGLOT NOTEBOOK

PS C:\22.11.5209\Pemro-C-Sharp\printer-windows> dotnet run

Pilih Printer :
1. Epson
2. Canon
3. LasetJet

Nomor Printer [1..3] : 2
Canon display dimention : 9.5*12
Canon printer printing ....
█
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  POLYGLOT NOTEBOOK

PS C:\22.11.5209\Pemro-C-Sharp\printer-windows> dotnet run

Pilih Printer :
1. Epson
2. Canon
3. LasetJet

Nomor Printer [1..3] : 3
LaserJet display dimention : 12*12
LaserJet printer printing ....
█
```