

Exam Questions:

```

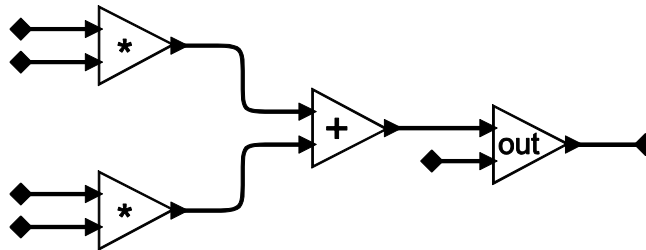
1. class IntList {
    public int head;
    public IntList tail;
}

static IntList zip(IntList2 L) { ... }
    
```

```

class IntList2 {
    public IntList head;
    public IntList2 tail;
}
    
```

2.



```

public class Device {
    protected int[] operands;
    protected boolean[] haveOperand;
    protected Device outputDestination;
    protected int destinationInputNumber;
    protected abstract void compute();
    public final void input(int inputNumber, int value) { ... }
    public final void connect(Device dest, int inputNumber) { ... }
}
    
```

Trees:

- Traversal algorithm:
 - Depth-first
 - Breadth-first
- Traversal order:
 - Prefix
 - Infix
 - Postfix

