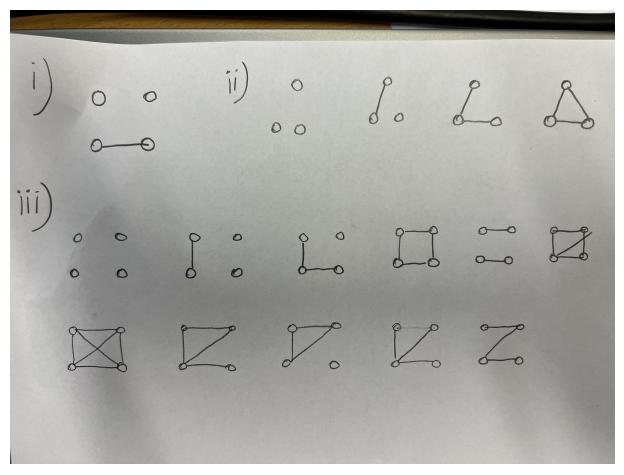
Heimadæmi 9

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Verkefni 1



- a) 2 leiðir
- b) 4 leiðir
- c) 11 leiðir

Verkefni 2

```
public void addEdge(int v, int w) {
    validateVertex(v);
    validateVertex(w);
    if (v == w){
```

```
throw new IllegalArgumentException("You're trying to connect " + v + " to itself");
}
for (int neighbor: adj(v)) {
    if (neighbor == w) {
        throw new IllegalArgumentException(v + " is already connected to " + w);
    }
}
E++;
adj[v].add(w);
adj[w].add(v);
}

Exception in thread "main" java.lang.IllegalArgumentException: 1 is already connected to 0
    at Graph.addEdge(Graph.java:199)
    at Graph.dinit>(Graph.java:122)
    at Graph.main(Graph.java:261)
```

Verkefni 3

P, N, O, S, M, R, Y, V, X, W, Z, U, Q, T

Verkefni 4