

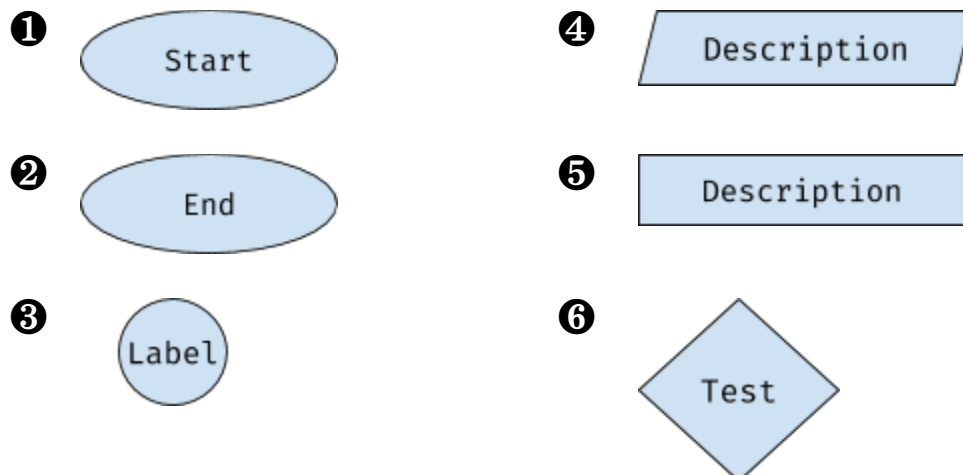
BNF for Flowcharts

Assignment 1 – SCS 2110 – 16000129

Grammer

```
<flowchart> ::= <start> "→" <actions> "→" <end>
<start> ::= ①
<actions> ::= <action>
               | <connector>
               | <action> "→" <actions>
<end> ::= ②
<action> ::= <io-operation>
               | <step>
               | <branch>
<connector> ::= ③
<io-operation> ::= ④
<step> ::= ⑤
<branch> ::= <actions> "←no-" <branch-sym> "-yes→" <actions>
<branch-sym> ::= ⑥
```

callouts in above code are,



For this grammer I used a minimal subset of flowcharts which only consist of "Start"/"End"-points, on-page connectors, input/output operations, sequential steps and decision boxes.