Assignment 01
December 14, 2022

Consider the grammar G given below where {a,b} is the set of terminals {S} is the set of non-terminals and S is the start symbol.

```
S-> aSa
S-> bSb
 S-> aa
 S-> bb
```

Which of the following strings are in L(G)? Justify your answers.

- aacaa

- aSa

- aba

- abba