

Third Programming Assignment

Full Marks: 20

(Submission Deadline: 20th October, 2021)

1. It is possible to use environment variables within a *makefile*. One may use the *set* command to define new environment variables. Prepare a *makefile* which takes an inline argument value to decide whether to define and use or skip defining a certain environment variable.

5

2. Write a shell script which will exactly replicate the behavior of the *tar* command.

5

3. Most individuals end up repeatedly correcting some commonly occurring typos resulting from roll over in typing. One seems to more often type waht for what, realtion for relation, and inout for input. Write a PERL script which would match such suspect typos and offer a replacement on confirmation. This can be done by placing a ^ character next or below the word (with an extra line). On confirming with a response such as y, the replacement will be made. Responding with any other key will leave the word unchanged.

10