

Homework #2
Pattern Matching
Due In Your Lab, September 10, 2003

Name: _____

Lab Time: _____

Grade: _____/10

Reading

1. From your textbook read chapter 1, “The Tar Pit”, and chapter 12, “Sharp Tools”. Answer the following question:
Define the difference between a *Program*, and a *Programming Systems Product* as given by Brooks. (2 pts.)

Pattern Matching

For questions 2 and 3 use the following list of words:

r1q5s rqq5 q51qs sss qqr5

2. Give all of the words from the above list that match the *shell wildcard* pattern `[qrs]*q?s` and illustrate how each of those words match the pattern. (4 pts.)

3. Give all of the words from the above list that match the *regular expression* pattern `[qrs]*q?s` and illustrate how each of those words match the pattern. (4 pts.)