**CMSC 257 Homework-6**

Answer the following questions. Write your answers only in the specified boxes. All problems are from the textbook. You can use the 2nd or 3rd edition of the textbook. (Please do not resize the table below)

**You can use 2nd or 3rd US edition of the textbook. If your output for the 7th question includes p, q or r characters, you are using the international/global edition. Don't use international/global edition, questions are different!**

|  |  |  |
| --- | --- | --- |
| **Question** | | **Answer:** |
| 1)  10pts | 8.11 | **There are 3 Fork calls.**  **total number of processes created = 2^3 = 8**  **so, the Example is printed 8 times** |
| 2)  15pts | 8.12 | 8  total number of forks = 2  total number of processes = 2^2 = 4  number of prints by each process = 2  total number of prints = 4\*2 = 8 |
| 3)  15pts | 8.14 | 4 |
| 4)  15pts | 8.15 |  |
| 5)  15pts | 8.16 | Counter = 2 |
| 6)  15pts | 8.19 | 8 times |
| 7) 8.21  15pts | | pqr |