

12 Week Exam Review

Exam format

- Short answer,
- Multiple choice,
- True/False-*Explain* questions,
- Model something (including using UML correctly),
- Consider the main points of each lab, homework, milestones, in class exercise, lecture,
- See Exam Objectives on course Resources page.

Each cohort solve the following problems on the board

Cohort 1: hw questions: 1, 5, 12 (show math), 16

Cohort 2: hw questions: 2, 6, 9, 13.

Cohort 3: hw questions 3, 7⁺, 10 (show math), 14

Cohort 4: hw questions 4, 8⁺, 11 (show paths w/o loop, then paths with loop), 15

⁺ give *just* the portion of the diagram involved with the 'withdrawing \$20 where the top 2 bills are stuck together' part of the scenario

```
int i =0;
do {
  a = result();
  switch a {
    case 1: x =3;
            break;
    case 2: if (b == 0)
            x=2;
            else
            x=4;
            break;
    case 3: process(c);
            break;
  } // end switch
  i++;
} while (i < 10)

// result() returns int between 1..5
// result() has McCabe value of 6
```