2.5 Testfälle berechnen und erstellen

isMasterStudent = {true}
Ects = [300, 700]
gradeThesis = [1, 4]

A) Grenzwertanalyse

4 * 2 + 1 = 9

1 Testfall:
isMasterStudent = true
Ects = 500
gradeThesis = 2

2 Testfall:
isMasterStudent = true
Ects = 350
gradeThesis = 2

3 Testfall:
isMasterStudent = true
Ects = 300
gradeThesis = 2

4 Testfall:
isMasterStudent = true
Ects = 650
gradeThesis = 2

5 Testfall:
isMasterStudent = true
Ects = 700
gradeThesis = 2

6 Testfall:
isMasterStudent = true
Ects = 500
gradeThesis = 1

7 Testfall (1 Testfall):
isMasterStudent = true
Ects = 500
gradeThesis = 2

8 Testfall:
isMasterStudent = true
Ects = 500
gradeThesis = 3

9 Testfall:
isMasterStudent = true
Ects = 500
gradeThesis = 4

B) Robustness Testing

6n + 1 + 1 = 14

C) Worst Case Testing

5^2 = 25

1-9 siehe A

10 Testfall (2 Testfall):
isMasterStudent = true
Ects = 350
gradeThesis = 2

11 Testfall(3 Testfall):
isMasterStudent = true
Ects = 300
gradeThesis = 2

12 Testfall:
isMasterStudent = true
Ects = 350
gradeThesis = 1

13 Testfall:
isMasterStudent = true
Ects = 300
gradeThesis = 1

14 Testfall:
isMasterStudent = true
Ects = 350
gradeThesis = 3

15 Testfall:
isMasterStudent = true
Ects = 300
gradeThesis = 3

16 Testfall:
isMasterStudent = true
Ects = 350
gradeThesis = 4

17 Testfall:
isMasterStudent = true
Ects = 300
gradeThesis = 4

18 Testfall:
isMasterStudent = true
Ects = 650
gradeThesis = 2

19 Testfall:
isMasterStudent = true
Ects = 700
gradeThesis = 2

D) Paranoid Testing

7 ^ 2 + 24 = 73

20 Testfall:
isMasterStudent = true
Ects = 650
gradeThesis = 1

21 Testfall:
isMasterStudent = true
Ects = 700
gradeThesis = 1

22 Testfall:
isMasterStudent = true
Ects = 650
gradeThesis = 3

23 Testfall:
isMasterStudent = true
Ects = 700
gradeThesis = 3

24 Testfall:
isMasterStudent = true
Ects = 650
gradeThesis = 4

25 Testfall:
isMasterStudent = true
Ects = 700
gradeThesis = 4