

Create a package "com".

Create class GradeDemo with main method.

Write a static method findGrade which will take percentage as input and return grade based on below criteria:

Grade A : Percent  $\geq 80$

Grade B : Percent  $\geq 60$  and  $< 80$

Grade C: Percent  $\geq 40$  and  $< 60$

Grade D: Percent  $\geq 30$  and  $< 40$

Grade E : Percent  $< 30$

For any invalid input, this method will return Grade O

Refer below class outline for reference. Ensure that the same is 100% followed.

