Program Design suggestion. ( Five Steps) with and example

answer the question What? In three to five words.

1 What? – get radius, get area, circumference.

2 List possible solutions and pick one

1. Do nothing
2. Ask someone else (Google, library, book, person)
3. Get radius I

Do calculations P

Display results O

(pick c)

3 List the classes and object you need to do “c” above

1. Program class
2. For input pick either j-option or scanner
3. For output pick either j-option or System.out
4. Maybe use Math class?

4 Draw your picture of the classes and objects needed.

(you do this)

5 Make your plan

1. Get program “skeleton”
2. Write the code to get radius and “echo print it”
3. Do calculation and “echo print” the results
4. Draw out your report, including input and results in a nice format. Write code to do the report. Test it.
5. Clean up program