## COMPUTATIONAL THINKING

- · Solve THE FOLLOWING PROBLEMS (COMPUTATIONAL MEANS).
- TWO DRUNKS START OUT TOGETHER

  AT THE ORIGIN, EACH HAVING EQUAL

  PROBABILITY OF MAKING A STEP

  TO THE LEFT OR RIGHT ALONG THE

  X-AXIS, FIND THE PROBABILITY

  THAT THEY MEET AGAIN AFTER

  N STEPS, IT IS TO BE UNTERSTOOD

  N STEPS, HAKE THEIR STEPS

  THAT THE MEN MAKE THEIR STEPS

  SIMULTANEOUSLY.

## RELATED QUESTIONS:

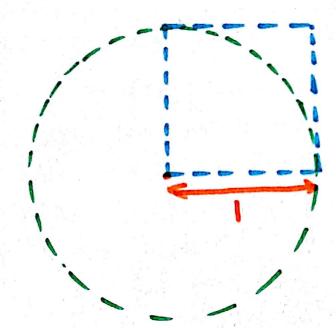
- WHAT IS THE PROBABILITY FOR

  A DRUNK TO BE AT THE

  ORIGIN AFTER TAKING

  N STEPS?
- THE DRUNK ?
- MEAN SQUARE DISPLACEMENT OF THE DRUNK?

## 2 CONSIDER A UNIT CIRCLE AND A UNIT SQUARE AS SHOWN IN THE FIGURE.



YOU HAVE BEEN GIVEN N POINT PEBBLES,
HOW DO YOU DETERMINE THE VALUE OF
THUSING THESE INPUTS?
WRITE A CODE TO DETERMINE THE
VALUE OF POINT.