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|      MyPointDemo      |
|-----|
| input: Scanner         |
|-----|
| +main(args: String[]): void
|-----|

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+-----+
|  Scanner  |
|-----|
|           |
|-----|
|           |
| +nextInt(): int
|-----|
|           |
|           |
+-----+

```

```

+-----+
|  MyPoint  |
|-----|
| -x: int    |
| -y: int    |
|-----|
| +MyPoint() |
| +MyPoint(x: int, y: int)|
| +distance(x: int, y: int): double|
| +distance(p: MyPoint): double|
| +static distance(p1: MyPoint, p2: MyPoint):
+-----+

```

```

+-----+
|  MyPoint  |
|-----|
| -x: int    |
| -y: int    |
|-----|
| +MyPoint() |
| +MyPoint(x: int, y: int)|
| +getX(): int
| +setX(x: int): void
| +getY(): int
| +setY(y: int): void
| +distance(xCoord: int, yCoord: int): double|
| +distance(p: MyPoint): double|
| +static distance(mp1: MyPoint, mp2: MyPoint): double|
+-----+

```