

```
array names[5]
names[0]="Ahmad"
```

To open a file to read from openRead is used and readLine to return a line of text from the file.

The following program makes x the first line of sample.txt

```
myFile = openRead("sample.txt")
x = myFile.readLine()
myFile.close()
```

```
array words [1000]
Tweets = openRead("tweets.txt")
line.split = tweets.readLine()
```

```
line = Tweets.readLine()
line = line.Strip("\p{P}", "")
words = line.Split (" ")
```

```
Output = Max(words)
OUTPUT Max(words)
```

```
array nextwords [1000]
FOR each Max(words) IN words DO
  nextwords.append(words[Max(words).index() + 1])
```

```
Array board[8,8]
board[0,0]="rook"
```

```
string k.Up, k.Down, k.LeftFacingArrow, k.RightFacing Arrow
```

```
Array board [15,20]
```

Constructors will be procedures with the name new.

```
class Pet
  private name
  public procedure new(givenName)
    name=givenName
  endprocedure
endclass
```

```
class Player
  private colour
  private coordinate
  private symbol
  private health
  private strength
  public procedure new(h, s), c)
    health = h
    strength = s
    colour <-- "White"
    symbol <-- "@"
    coordinate = c
  endprocedure
```

```
public procedure move( keyPress )
  IF keyPress = "K_UP" THEN
    self.coordinte[x,y] = self.coordinte[x,y - 1]
  ELSE IF KeyPress = "K_DOWN" THEN
    self.coordinate[x,y] = self.coordinate[x,y + 1]
  ELSE IF keyPress = "K_LEFTFACINGARROW TH
    self.coordinate[x,y] = self.coordinate[x - 1, y]
  ELSE IF KeyPress = "K_RIGHTFACINGARROW
    self.coordinate[x,y] = self.coordinate[x + 1, y]
  ENDIF
```