

Question

Draw a flowchart that reads the names, sex and score of each student and outputs the names of the male students that scored above 75% and how many they are?

Solution

Let $D(i, j)$ be an Input array $i = 1..3, j = 1..N$; where N – length of data set, $D(1, j) := Name$, $D(2, j) := s = Sex \in \{1 = male, 0 = female\}$, $D(3, j) := sc = Score \in [0\%, 100\%]$ and Output: names of the male students $NM(k), k = 1..n, n$ – number of the male students.

Then

