```
/* Generates a textual summary of the database contents
*
* @param selectedSummary Chooses between single modality or difference
*   summary
* @param SummaryUseMLE Use biased components for summary
* @param method Which decomposition is being used
* @return String with description of contents of the database
```

public String recordsSummary(int selectedSummary, int SummaryUseMLE, String method)

String Summary = "";
int K = 0;

method.equals("BDG")

Yes → Summary = "filename\tmodality\tM1\tM2\tM3\tM4\tM5\tM6\tM7\tM8\n";
K = 8;

No ↓

method.equals("DBM")

Yes → Summary = "filename\tmodality\tR\tC\tRC\tTR\tTC\tTRC\n";
K = 6;

No ↓

(method.equals("BCK")

Yes → Summary = "filename\tmodality\tN\tD\tND\tR\tNR\tDR\tRND\n";
K = 7;

No ↓

(method.equals("OR")

Yes → Summary = "filename\tmodality\tR\tTR\tCOV1\tCOV2\tCOV3\tERROR\n";
K = 6;

double x = 1/0;

return Summary;