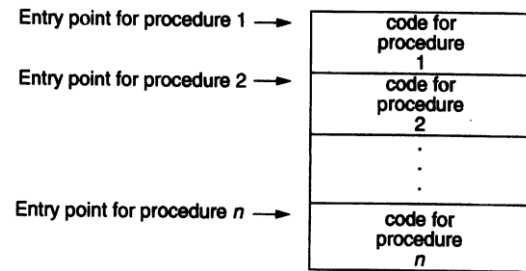
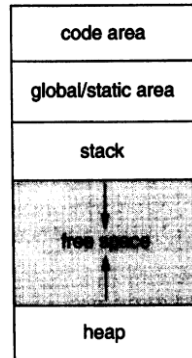


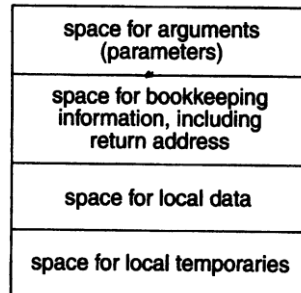
Runtime Environment

Memory Models:

- Tiny (ONE Segment ONLY)
- Small
- Compact
- Medium
- Large
- Huge

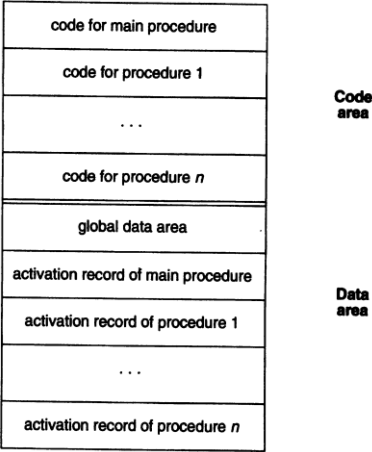


Procedure Activation Record



Fully Static Runtime Environment

- All Data is static
- No pointers
- No Dynamic Memory Allocation)



```
PROGRAM TEST
COMMON MAXSIZE
INTEGER MAXSIZE
REAL TABLE(10),TEMP
MAXSIZE = 10
READ *, TABLE(1),TABLE(2),TABLE(3)
CALL QUADMEAN(TABLE,3,TEMP)
PRINT *, TEMP
END
```

```
SUBROUTINE QUADMEAN(A,SIZE,QMEAN)
COMMON MAXSIZE
INTEGER MAXSIZE,SIZE
REAL A(SIZE),QMEAN, TEMP
INTEGER K
TEMP = 0.0
IF ((SIZE.GT.MAXSIZE).OR.(SIZE.LT.1)) GOTO 99
DO 10 K = 1,SIZE
    TEMP = TEMP + A(K)*A(K)
10 CONTINUE
99 QMEAN = SQRT(TEMP/SIZE)
RETURN
END
```

Global area

Activation record of main procedure

Activation record of procedure QUADMEAN

