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1: #include <stdio.h>
2: #include <stdlib.h>
3: int getInt(char message[]);
4: float calcAvg(int ar[],int numOfTerms);
5: //V2
6: int numOfTerms;
7: //int sum;
8: float avg;
9: //int sum=0;
10: //int num1, num2, num3, num4;
11: //int num[4];
12:
13: int main(int argc, char *argv[]) {
14:     int i;
15:
16:     printf("Average V2\n");
17:     numOfTerms=getInt("Dose plithos orwn:");
18:
19:     int num[numOfTerms];
20:
21:     for(i=0;i<numOfTerms;i++)
22:         num[i]=getInt("Dose Arithmo:");
23: // for(i=0;i<numOfTerms;i++)
24: //     printf("%d->%d\n",i,num[i]);
25:     avg=calcAvg(num,numOfTerms);
26: // for(i=0;i<numOfTerms;i++)
27: //     sum=sum+num[i];
28: // avg=(float)sum/numOfTerms;
29: // printf("sum=%d\t avg=%f\n",sum,avg);
30:     printf("avg=%f\n",avg);
31:
32:     return 0;
33: }
34:
35: int getInt(char message[]){
36:     int num;
37:     printf(message);

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38:     scanf("%d",&num);
39:     return num;
40: }
41:
42: float calcAvg(int ar[],int numOfTerms){
43:     int i;
44:     int sum;
45:     for(i=0;i<numOfTerms;i++)
46:         sum=sum+ar[i];
47:     avg=(float)sum/numOfTerms;
48:     return avg;
49: }
```