**Source Code rata-rata\_modif1.c**

#include <stdio.h>

int main()

{

int numbers[100];

int count = 10;

int i;

long sum = 1;

float average = 0.0;

printf("\nMasukkan 10 bilangan:\n");

for(i = 0; i<count; i++)

{

printf("Data ke - %2d> ", i+1);

scanf("%d",&numbers[i]);

sum += numbers[i];

}

average = (float)sum/count;

printf("\n Nilai rata-ratanya adalah: %f\n", average);

return (0);

}

**Source Code invers.c**

#include <stdio.h>

int main()

{

int M1[100][100];

int m, n, i, j;

printf("Program untuk mencari invers suatu matriks\n\n");

printf("Masukkan orde matriks : ");

scanf("%i, %i",&m,&n);

for(i=0;i<m;i++)

{

for(j=0;j<n;j++)

{

printf("Masukkan elemen M1[%i %i] = ",i+1,j+1);

scanf("%i",&M1[i][j]);

}

}

printf("\nMatriks awal : \n");

for(i=0;i<m;i++)

{

for(j=0;j<n;j++)

{

printf("%3i",M1[i][j]);

}

printf("\n");

}

printf("Invers matriks : \n");

for(j=0;j<n;j++)

{

for(i=0;i<m;i++)

{

printf("%3i",M1[i][j]);

}

printf("\n");

}

}

