Object: Implementation of crips and fuzzy sets

Source Code:

#include<stdio.h>

int main()

{

int s[10],i,n;

float m[10];

printf("Total element: ");

scanf("%d",&n);

printf("\n\nEnter membership only between 0 and 1...\n\n");

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

{

printf("Element %d: ",i+1);

scanf("%d %f",&s[i],&m[i]);

}

printf("\n\nThe Fuzzy Set: \n\t{");

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

{

if(i==n-1)

printf("\(%d, %.2f)",s[i],m[i]);

else

printf("\(%d, %.2f), ",s[i],m[i]);

}

printf("}\n\n");

return 0;

}

Input:

Total element:

Enter membership only between 0 and 1...

Element 1: 0.1

Element 2: 0.2

Element 3: 0.6

Output:

The Fuzzy Set:

{(0, 0.10), (0, 0.20), (0, 0.60)}

Process returned 0 (0x0) execution time : 15.005 s

Press any key to continue.