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Script started on 2020-03-29 21:10:46+0530
GAYU@GAYU [00m: [01;34m~/Desktop/threa $gcc thread.c -o -t -lpthread
GAYU@GAYU [00m: [01;34m~/Desktop/threa $ cat thread.c
#include<pthread.h>
#include<stdio.h>
#include<string.h>
#include<stdlib.h>
int max, min, 1;
float avg;
int list[10];
void *Max(void *param);
void *Min(void *param);
void *Avg(void *param);
int main(int argc, char *argv[])
pthread t tid1, tid2, tid3;
pthread attr t attr1, attr2, attr3;
if (argc < 2)
 fprintf(stderr,"Usage: Enter list of integer values\n");
 return -1;
for(int i = 1; i < argc; i++)
 list[i-1] = atoi(argv[i]);
1 = argc - 1; // no of arguments
pthread attr init(&attr1);
pthread attr init(&attr2);
pthread attr init(&attr3);
pthread create(&tid1,&attr1,Max, list);
pthread create(&tid2,&attr2,Min, list);
pthread create(&tid3,&attr3,Avg, list);
pthread join(tid1,NULL);
pthread join(tid2,NULL);
pthread join(tid3,NULL);
printf("Maximum : %d\t Average: %f\n",max,min,avg);
void *Max(void *param)
max = list[0];
for(int i = 1; i < 1; i++)
 if(max < list[i]) max = list[i];
pthread exit(0);
void *Min(void *param)
min = list[0];
for(int i = 1; i < 1; i++)
 if(min > list[i]) min = list[i];
pthread exit(0);
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void *Avg(void *param)
{
    avg = 0;
    for(int i = 0; i < l; i++)
    {
        avg += list[i];
    }
    avg /= l;
    pthread_exit(0);
}
GAYU@GAYU [00m: [01;34m~/Desktop/threa $ ./t 2 9 8 199 -1 93 0 49 Maximum : 199 Minimum : -1 Average: 44.875000
GAYU@GAYU [00m: [01;34m~/Desktop/threa [00m$ exit exit</pre>
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Script done on 2020-03-29 21:11:24+0530