random array program

```c
#include <stdio.h>
#include <stdlib.h>
#define DIM_SIZE 10
int main() {
    int randomArray[DIM_SIZE][DIM_SIZE][DIM_SIZE];

    for (int outer = 0; outer < DIM_SIZE; outer++) {
        for (int middle = 0; middle < DIM_SIZE; middle++){
            for (int inner = 0; inner < DIM_SIZE; inner++) {
                randomArray[outer][middle][inner] = rand()%100;
            }
        }
    }

    for (int outer = 0; outer < DIM_SIZE; outer++) {
        printf("[");
        for (int middle = 0; middle < DIM_SIZE; middle++){
            printf("[");
            for (int inner = 0; inner < DIM_SIZE; inner++) {
                printf("%i,", randomArray[outer][middle][inner]);
            }
            printf("]\n");
        }
        printf("]\n");
    }
}
```