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//Program to print stars using Iteration and Recursion through switch-case
#include<stdio.h>
void printStarIteration(int);
void printStarRecursion(int);

void main()
{
    int choice,count;
    printf("\nHow many stars do you want to print:");
    scanf("%d",&count);
    printf("\nPress 1 for Iterative approach:");
    printf("\nPress 2 for Recursive approach:");
    printf("\nEnter your choice:");
    scanf("%d",&choice);
    switch(choice)
    {
        case 1:
            printStarIteration(count);
            break;
        case 2:
            printStarRecursion(count);
            break;
    }
}

void printStarIteration(int count)
{
    int i;
    for(i=0;i<count;i++)
        printf("*");
    return;
}

void printStarRecursion(int count)
{
    int i;
    if(count==0)
        return;
    printf("*");
    printStarRecursion(count-1);
}

```