# C++

#include<stdio.h>

int main()

{

int i,j;

printf("Nine-by-nine Multiplication Table\n");

printf("--------------------------------------\n");

for(i=1;i<=9;i++)

printf("%d ",i);

printf("\n");

printf("--------------------------------------\n");

for(i=1;i<=9;i++)

{

printf("%d ",i);

for(j=1;j<=i;j++)

printf("%d ",i\*j);

printf("\n");

}

printf("--------------------------------------\n");

return 0;

}

# C

#include <stdio.h>

void print(int n)

{

if(n==10) return ;

int i,j;

printf("%d ",n);

for(i=1;i<=n;i++)

printf("%d ",n\*i);

printf("\n");

print(n+1);

}

int main()

{

printf("Nine-by-nine Multiplication Table\n");

printf("--------------------------------------\n");

printf("1 2 3 4 5 6 7 8 9\n");

printf("--------------------------------------\n");

print(1);

printf("--------------------------------------");

return 0;

}

# Java

public class Main{

public static void main(String args[]){

System.out.println("Nine-by-nine Multiplication Table");

System.out.println("--------------------------------------");

System.out.println("1 2 3 4 5 6 7 8 9");

System.out.println("--------------------------------------");

for(int i=1;i<=9;i++){

for(int j=1;j<=i;j++){

if(j<=1){

System.out.print(i+" "+i\*j+" ");

}

else{

System.out.print(i\*j+" ");

}

}

System.out.println();

}System.out.println("--------------------------------------");

}

}