***NARULA INSTITUTE OF TECHNOLOGY***

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***C Programming Project***

**Subject code: CS291**

**Stream: CSE1(B)**

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Question:-

WAP in ‘C’ to find the following pattern:

A B C D D C B A

A B C C B A

A B B A

A A

**Code:**

**#include<stdio.h>**

**int main()**

**{**

**int i,j,k,l,m=0;**

**for(i=4;i>=1;i--)**

**{**

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

**{**

**printf("%c ",j+64);**

**}**

**for(l=m;l>0;l=l-1)**

**{**

**printf(" ");**

**}**

**for(k=i;k>=1;k--)**

**{**

**printf("%c ",k+64);**

**}**

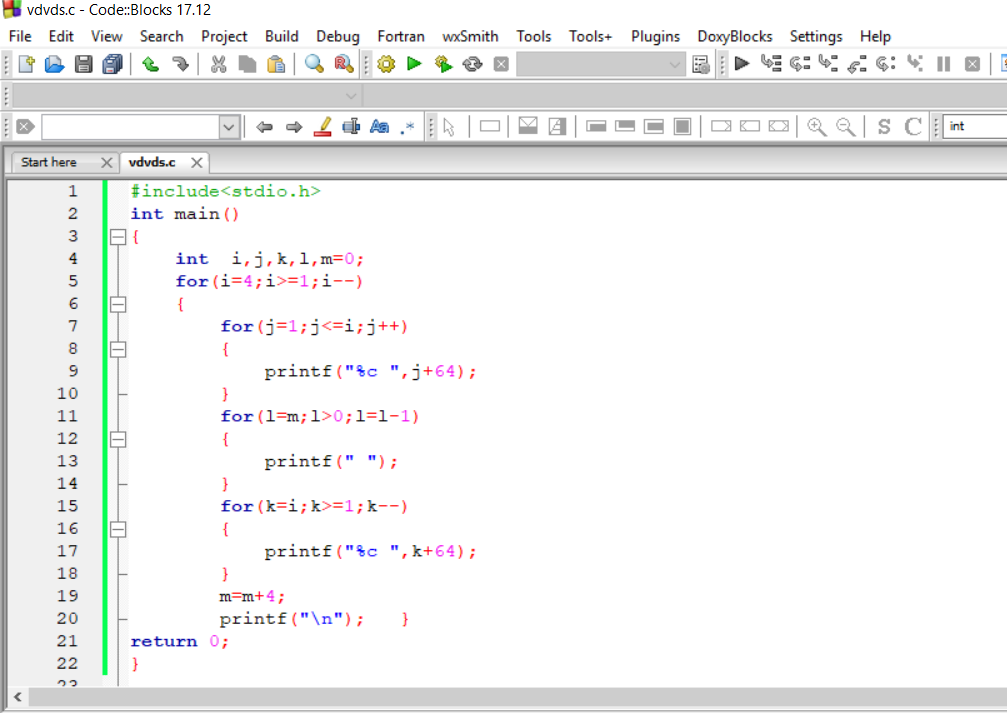
**m=m+4;**

**printf("\n"); }**

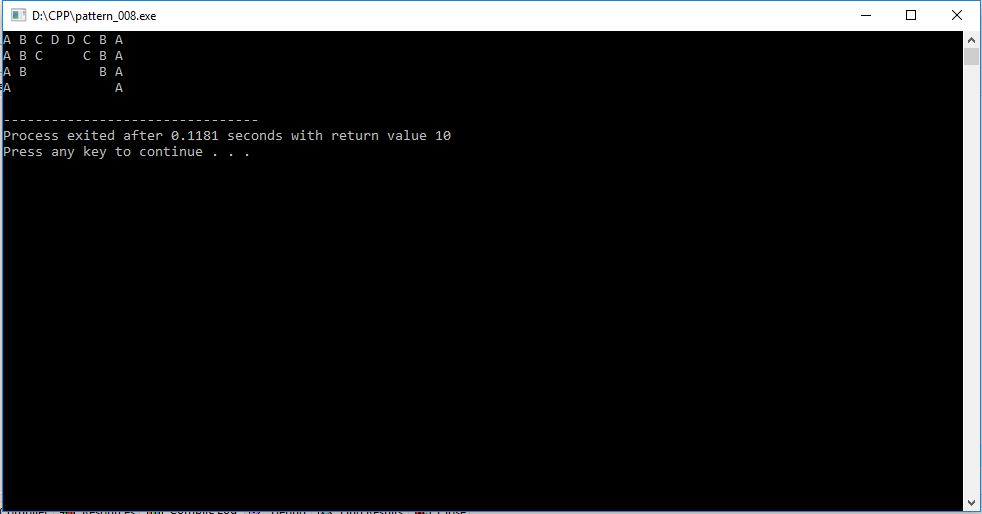
**return 0;**

**}**

Input :-



Output:-



***CONCLUSION***

* We Could not have done this project without the help of our Computer Science faculty Sagarika Chowdhury who had provided us with various information about the topic which is essential regarding the completion of this project.

