**Ma’lumotlar tuzilmasi va algoritmi**

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**Guruh: 911-21 guruh talabasi**

**Amaliyot: 4**

**Misol: 17**

**Dasturlash tili: C++ CodeBlocks**

1. **Sonni massiv ishlatmagan holda teskarisiga yozuvchi rekursiv funksiya tuzing.**

#include <math.h>

#include <stdio.h>

#include <stdlib.h>

int reverse(int N)

{

return ((N <= 9)) ? N : reverse(N / 10) + ((N % 10) \* (pow(10, (floor(log10(

abs(N)))))));

}

void reqrusiv(int N)

{

int result = reverse(N);

printf("%d", result);

}

int main()

{

int N = 345;

reqrusiv(N);

return 0;

}

