Assignment- 05

#include <stdio.h>

int power(int num1, int num2);

int main ()

{

int base, exponent, result;

printf("Base: ");

scanf("%d", &base);

printf("\nExponent: ");

scanf("%d", &exponent);

result = power(base, exponent);

printf("\n%d", result);

printf("\n");

return 0;

}

int power(int base, int exponent)

{

int i = 1, result = 1;

while(i <= exponent)

{

result \*= base;

i++;

}

return result;

}