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|  | **DEPARTMENT OF FIRST YEAR ENGINEERING** |

**Experiment No. 4**

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| Semester | F.E. Semester II – First Year Engineering |
| Subject | C Programming (FEL204) |
| Subject Professor In-charge | Prof. Sanjeev Dwivedi Sir |
| Assisting Teachers | Prof. Sneha Annappanavar |

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| Student Name | Deep Salunkhe |
| Roll Number | 21102A0014 |

**Title:**

**Program Code:**

#include<stdio.h>

#include<math.h>

int main()

{

    int n,d,c1,c2,s=0,c=0;

    printf("Enter number:\n");

    scanf("%d",&n);

    c2=c1=n;

    while(c1!=0)

    {

        c1=c1/10;

        c++;

    }

    while(c2!=0)

    {

        d=c2%10;

        s=s+pow(d,c);

        c2=c2/10;

    }

    if(n==s)

    {

        printf("Armstrong number");

    }

    else

    {

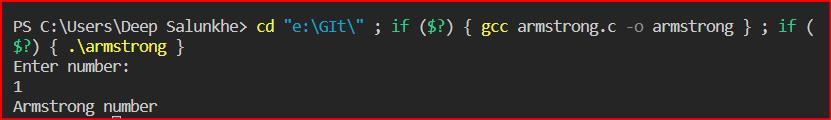
        printf("Not armstrong number");

    }

    return 0;

}

**Output:**

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