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

**Experiment No. 17**

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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>

struct complex

{

    int x,y;

};

struct complex add(struct complex c1,struct complex c2)

{

    struct complex temp;

    temp.x=c1.x+c2.x;

    temp.y=c1.y+c2.y;

    return temp;

}

int main()

{

    struct complex c1,c2,c3;

    printf("Enter real and imaginary part of complex number 1:\n");

    scanf("%d%d",&c1.x,&c1.y);

    printf("\nEnter real and imaginary part of complex number 2:\n");

    scanf("%d%d",&c2.x,&c2.y);

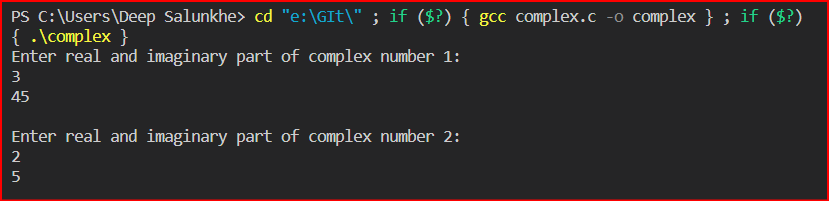
    c3=add(c1,c2);

    printf("\nAddition=%d+i%d",c3.x,c3.y);

    return 0;

}

**Output:**

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