

Day 2

- 1). WAP and take one integer pointer, two integer pointer to an pointer and store address in it, Print that Data by dereferencing all three Pointer.
- 2). WAP which shows a concept of void pointer and access data using void pointer(Don't repeat class example).
- 3). Take an array of void pointer and store data of multiple datatype of element(int, char ,float) & Print the array.
- 4). WAP of every type of pointer and draw a suitable diagram of that. (Wild pointer, null pointer, dangling pointer, void pointer)

5)

//5.Draw a Neat Diagram,output and Airthmatic Explanation for Below Code.

```
#include<stdio.h>
void main(){

    int arr[]={10,20,30,40,50};

    int *ptr1=&arr[1];
    int *ptr2=&arr[2];

    printf("%p\n",ptr2);
    printf("%p\n",ptr2);

    ptr1++;
    --ptr2;

    printf("%d\n",*ptr1);
    printf("%d\n",*ptr2);

    printf("%p\n",ptr1);
    printf("%p\n",ptr2);

    printf("%ld\n", (ptr1-ptr2)+2);
    printf("%p\n", ptr2+(ptr1-ptr2));
    printf("%d\n", *(ptr2+(ptr1-ptr2)));

    printf("%p\n", (ptr1*2));
    printf("%d\n", *(ptr1*ptr2));
    printf("%p\n", (ptr1/2));

}
```