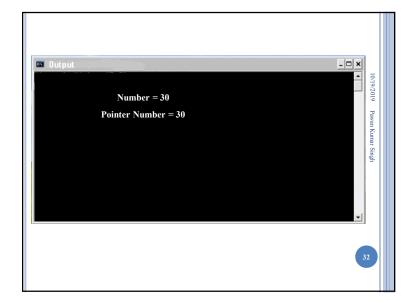


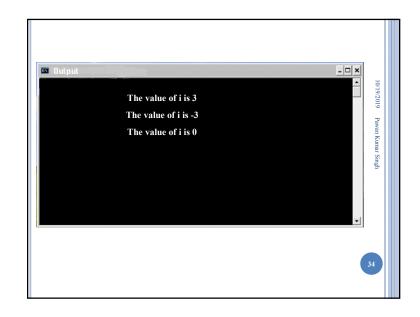
```
WORK YOUR BRAIN

void main()
{
int num=10;
int * pnum=NULL;
pnum = #
*pnum += 20;
printf("\nNumber = %d", num);
printf("\nPointer Number = %d", *pnum);
}
```



```
WORK YOUR BRAIN

int a[10] = {1,2,3,4,5,6,7,8,9,12},*p,*q,i;
p = &a[2];
q = &a[5];
i = *q - *p;
printf("The value of i is %d" i );
i = *p - *q;
printf("The value of i is %d" i );
a[2] = a[5] = 0;
i = *q - *p;
printf("The value of i is %d" i );
```



```
WORK YOUR BRAIN

int a[10] = { 2,3,4,5,6,7,8,9,1,0 }, *p, *q;

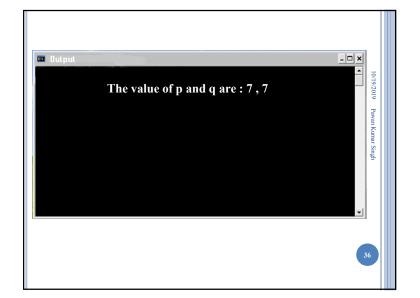
p = &a[2];

q = p + 3;

p = q - 1;

p++;

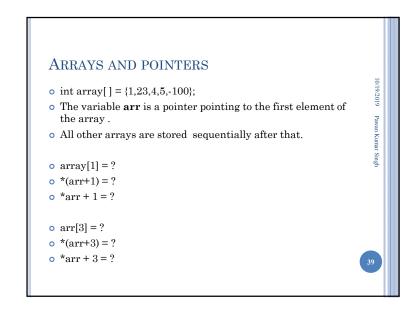
printf("The value of p and q are: %d, %d",*p,*q);
```

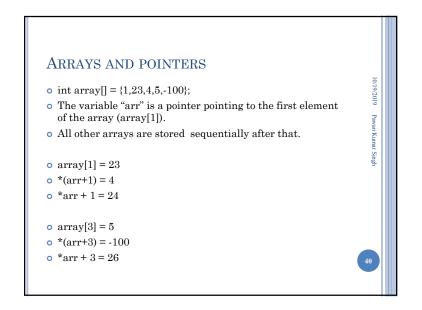


```
WORK YOUR BRAIN

int main()
{
  int x[2]={1,2},y[2]={3,4};
  int small, big;
  small=&x[0];
  big=&y[0];
  min_max(&small,&big);
  printf("small=%d big=%d",*small,*big);
  return 0;
}
  min_max(int *a,int *b)
{
  a++;
  b++;
  return (*a,*b);
}
```



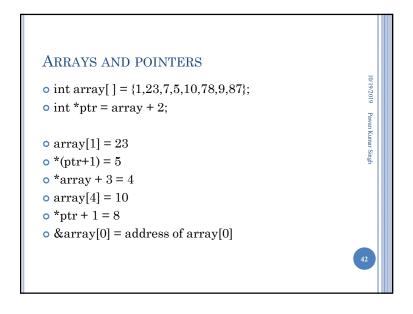




```
ARRAYS AND POINTERS

o int array[] = {1,23,7,5,10,78,9,87};
o int *ptr = array + 2;

o array[1] = ?
o *(ptr+1) = ?
o *array + 3 = ?
o array[4] = ?
o *ptr + 1 = ?
o &array[0] = ?
```



```
ARRAYS AND POINTERS

o int arr[] = {1,2,3,4,5,6,7};

o arr[2] = ?

o *(arr + 2) = ?

o *(2 + arr) = ?

o 2[arr] = ?
```

