Practice Sheet

**1. void main(){**

**int a[]={5,10,15};**

**int i=0,num;**

**num=a[++i]+ ++i+(++i);**

**printf("%d",num);**

**}**

**2. void main(){**

**int arr[3]={10,20,30};**

**int x=0;**

**x = ++arr[++x] + ++x + arr[--x];**

**printf("%d ",x);**

**return 0;**

**}**

**3. void main(){**

**int a[]={10,20,30,40};**

**int i=3,x;**

**x=1\*a[--i]+2\*a[--i]+3\*a[--i];**

**printf("%d",x);**

**return 0;**

**}**

**4. void main(){**

**static int a[][2][3]={0,1,2,3,4,5,6,7,8,9,10,11,12};**

**int i=-1;**

**int d;**

**d=a[i++][++i][++i];**

**printf("%d",d);**

**return 0;**

**}**

**5. void main(){**

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

**int i=0,num;**

**num=a[++i+a[++i]]+a[++i];**

**printf("%d",num);**

**}**

**6. void main(){**

**int arr[]={6,12,18,24};**

**int x=0;**

**x=arr[1]+(arr[1]=2);**

**printf("%d",x);**

**return 0;**

**}**

**7. void main()**

**{**

**char str1[]={'U','V','C','E'};**

**char str2[]={'U','V','C','E'};**

**while(strcmp(str1,str2))**

**printf("Equal\n");**

**}**

**8. void main()**

**{**

**while(strcmp("Computer","Computer\0"))**

**printf("Equal\n");**

**}**

**9. void main(){**

**int array[2][2][3]={0,1,2,3,4,5,6,7,8,9,10,11};**

**printf("%d",array[1][0][2]);**

**}**

**10.void main(){**

**int a[5] = {1, 2, 3, 4, 5};**

**int i;**

**for (i = 0; i < 5; i++)**

**if ((char)a[i] == '5')**

**printf("%d ", a[i]);**

**else**

**printf("FAIL ");**

**}**

**11.void main() {**

**int n[]={5,3,4};**

**int i,b;**

**b=n[0];**

**for(i=0;i<3;i++) {**

**if(n[i]>b)**

**b=n[i];**

**}**

**printf("%d",b);**

**}**

**12.void main()**

**{**

**char s1[25]="welcome";**

**int i=0;**

**for(i=0;s1[i]!=0;i++);**

**printf("%d",i);**

**}**

**13.void main()**

**{**

**char str[]="Welcome";**

**int l,s;**

**puts(str);**

**l=strlen(str);**

**s=sizeof(str);**

**printf("%d ",l);**

**printf("%d ",s);**

**}**

**14.void main()**

**{**

**static int a[20];**

**int i = 0;**

**a[i] = i  ;**

**printf("%d, %d, %d\n", a[0], a[1], i);**

**}**

**15.void main()**

**{**

**char prnt[]="%d\n";**

**prnt[1]='c';**

**printf(prnt,67);**

**}**

**16.void main(){**

**int a[5]={1,2,3,4,5};**

**int i=1;**

**a[++i]=++i;**

**printf("%d %d %d %d %d",a[0],a[1],a[2],a[3],a[4]);**

**}**

**17.void main()**

**{**

**printf(2+"EDCBA"-1);**

**printf(" %c",2["EDCBA"]+2);**

**}**

**18.int a=1;**

**int m1(){**

**return 2;**

**}**

**void main()**

**{**

**int b=3;**

**int arr[5]={a,b,m1(),4};**

**printf("%d",a[2]);**

**}**

**19.void main()**

**{**

**int arr[2][3][4]={10,20};**

**printf("%d ",arr);**

**printf("%d ",arr+1);**

**printf("%d ",arr[0]);**

**printf("%d ",arr[0]+1);**

**printf("%d ",arr[0][0]);**

**printf("%d ",arr[0][0]+1);**

**printf("%d ",arr[0][0][0]);**

**printf("%d ",arr[0][0][0] +1);**

**}**

**20.void main()**

**{**

**int a[5]={11,22,33,44,55};**

**int b[5]={66,77};**

**b=a;**

**printf("%d",b[1]);**

**}**

**21.void main()**

**{**

**int a[2];**

**int i;**

**for(i=0;i<1;i++)**

**a[i]=i\*i;**

**printf("%d %d",a[3],a[4]);**

**}**

**22.void main()**

**{**

**int a[3][]={**

**{7,1,8},**

**{2,3},**

**{98,85,4}**

**};**

**printf("%d",a[1][1]);**

**}**

**23.void main()**

**{**

**int a[4][8]={5,55,555};**

**printf("%u",&a[3][4]-&a[1][2]);**

**}**

**24.void mian()**

**{**

**char a[]="dearsatya";**

**a[4]=0;**

**printf("\n %s",a);**

**}**

**25.void main()**

**{**

**char a[]="c.satya";**

**a[0]++;**

**a[1]=114;**

**puts(a);**

**}**

**26.void main()**

**{**

**char s1[]="bye";**

**char s2[]="xyz";**

**s1=s2;**

**printf("%s",s1);**

**}**

**27.void main()**

**{**

**char str[2]="hello";**

**puts(str);**

**}**

**28.void main()**

**{**

**char str[2];**

**strcpy(str,"hello");**

**puts(str);**

**}**

**29.void main()**

**{**

**char s1[40]="abcdf";**

**char s2[]="xyz";**

**strcat(s1+2,s2+1);**

**puts(s1);**

**puts(s2);**

**}**

**30.void main()**

**{**

**char str[40]="abc78901112";**

**strrev(str+3);**

**puts(str);**

**}**

**31.void main()**

**{**

**char str[]="Javapr";**

**printf("%d %d",sizeof(str),strlen(str));**

**}**

**32.void main()**

**{**

**char str1[20]="ABCDEFGHIJ";**

**char str2[20]="PQRSTDUV";**

**strcpy(str1+6,str2+6);**

**puts(str1);**

**puts(str2);**

**}**

**33. void main()**

**{**

**int arr[];**

**arr[1]=10;**

**printf("%d",arr[0]);**

**}**

**34.void main()**

**{**

**int arr[4][8]={10,20,30};**

**printf("\n%d",sizeof(arr));**

**printf("\n%d",sizeof(arr[1]));**

**printf("\n%d",sizeof(arr[2][0]));**

**}**

**35.void main()**

**{**

**int arr1[5]={10,20};**

**int arr2[5];**

**printf("\n%d %d",arr1[3],arr2[3]);**

**}**

**36.void main()**

**{**

**char str[5]={'a','b','c','d'};**

**printf("%s",str);**

**getch();**

**}**

**37.void main()**

**{**

**char str[]="ABCDEFGHIJ";**

**printf("\n%s",str);**

**printf("\n%s",str+4);**

**printf("\n%s",str+8);**

**}**

**38.void main()**

**{**

**char str[]="JAVA";**

**str[1]++;**

**str[2]=100;**

**puts(str);**

**}**

**39.void main()**

**{**

**char str[]="ABCDEFG";**

**str[3]=0;**

**puts(str);**

**}**

**40.void main()**

**{**

**int a[2];**

**int i;**

**for(i=0;i<10;i++)**

**a[i]=i\*i;**

**printf("\n%d",a[3],a[4]);**

**}**

**41.void main()**

**{**

**int arr[5]={10,20};**

**printf("\n%d %d",1[arr],arr[0]);**

**}**