

## Assumption: Functions are predefined

```
int sum(int a, int b)
{int s=a + b;
return s;
}
bool search(int *arr,int key)
{
int i;
for(i=0;i<10;i++){
if(arr[i]==key)
return true;
else return false;
}

}
void main()
{
int a[20],i,res;
bool status;
printf("Enter array elements:");
for(i=0;i<10;++i)
scanf("%d",&a[i]);
res=sum(a[0],a[4]);
status=search(a,res);
printf("%d",status);
}
```

Main			
	Lexeme_Name	Type	Size
1	a	int	80
2	i	int	4
3	res	int	4
4	status	bool	1
5	sum	Func	-1
6	search	Func	-1

Search			
	LexemeName	Type	Size
1	arr	int	4
2	key	int	4
3	i	int	4

Sum			
	LexemeName	Type	Size
1	a	int	4
2	b	int	4
3	s	int	4