

#creation of Arrays:-

```
vec1 <-c(1,3,5)
vec2 <-c(10,11,12,13,14,15)
res <- array(c(vec1,vec2),dim=c(3,3,2))
print(res)
```

#Naming Of Arrays

```
col_names <- c("Col1","Col2","Col3")
row_names <- c("Row1","Row2","Row3")
matrix_names <- c("Matrix1","Matrix2")
res <-
array(c(vec1,vec2),dim=c(3,3,2),dimnames=list(row_names,col_names,matrix_names))
print(res)
```

OUTPUT: -

#creation of Arrays:-

```
> vec1 <-c(1,3,5)
> vec2 <-c(10,11,12,13,14,15)
> res <- array(c(vec1,vec2),dim=c(3,3,2))
> print(res)
,, 1
```

```
      [,1] [,2] [,3]
[1,]   1  10  13
[2,]   3  11  14
[3,]   5  12  15
```

```
,, 2
```

```
      [,1] [,2] [,3]
[1,]   1  10  13
[2,]   3  11  14
[3,]   5  12  15
```

```
>
```

> #Naming Of Arrays

```
> col_names <- c("Col1","Col2","Col3")
> row_names <- c("Row1","Row2","Row3")
> matrix_names <- c("Matrix1","Matrix2")
> res <-
array(c(vec1,vec2),dim=c(3,3,2),dimnames=list(row_names,col_names,matrix_names))
> print(res)
,, Matrix1
```

```
      Col1 Col2 Col3
Row1   1  10  13
Row2   3  11  14
Row3   5  12  15
```

, , Matrix2

	Col1	Col2	Col3
Row1	1	10	13
Row2	3	11	14
Row3	5	12	15