

## LAB9 - Formatted I/O Exercise 1

Write a program to do followings.

- Define two arrays and initialize them with data given below. (Array sizes are 5).

Names array	"AAA"	"BBB"	"CCC"	"DDD"	"EEE"
Scores array	93.519	7.628	25.085	73.009	14.920

- By looping, display the formatted outputs on screen exactly same as shown below.

Screen output

Order	Name	Score
=====	=====	=====
00001	AAA	93.52
00002	BBB	7.63
00003	CCC	25.08
00004	DDD	73.01
00005	EEE	14.92

## Exercise 2

- Write a program to display integers from **1 to 200** on screen.
- In each line, **up to 15 numbers** should be displayed.
- Field width** of each number on screen should be **4**.

Screen output

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132	133	134	135
136	137	138	139	140	141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160	161	162	163	164	165
166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190	191	192	193	194	195
196	197	198	199	200										

## Exercise 3

- Modify the program in Exercise-2, so that the numbers are displayed in a **column-wise** order.
- In each column, **up to 15 numbers** should be displayed.

Screen output

1	16	31	46	61	76	91	106	121	136	151	166	181	196
2	17	32	47	62	77	92	107	122	137	152	167	182	197
3	18	33	48	63	78	93	108	123	138	153	168	183	198
4	19	34	49	64	79	94	109	124	139	154	169	184	199
5	20	35	50	65	80	95	110	125	140	155	170	185	200
6	21	36	51	66	81	96	111	126	141	156	171	186	
7	22	37	52	67	82	97	112	127	142	157	172	187	
8	23	38	53	68	83	98	113	128	143	158	173	188	
9	24	39	54	69	84	99	114	129	144	159	174	189	
10	25	40	55	70	85	100	115	130	145	160	175	190	
11	26	41	56	71	86	101	116	131	146	161	176	191	
12	27	42	57	72	87	102	117	132	147	162	177	192	
13	28	43	58	73	88	103	118	133	148	163	178	193	
14	29	44	59	74	89	104	119	134	149	164	179	194	
15	30	45	60	75	90	105	120	135	150	165	180	195	