

```

/* Line 3 */ main()
/* Line 4 */ {
/* Line 5 */     int i, array[10];
/* Line 6 */     int *ip, *a1;
/* Line 7 */     int **ipp;
/* Line 8 */
/* Line 9 */     ip = &i;
/* Line 10 */     ipp = &ip;
/* Line 11 */     a1 = &(array[1]);
/* Line 12 */
/* Line 13 */     for (i = 0; i < 10; i++) array[i] = i;
/* Line 14 */
/* Line 15 */     i = 11;
/* Line 16 */
/* Line 17 */     printf("ip: 0x%lx, &ip: 0x%lx, array: 0x%lx\n", ip, &ip, array);
/* Line 18 */     printf("\n");
/* Line 19 */
/* Line 20 */
/* Line 21 */     printf("&i: 0x%lx\n", &i);
/* Line 22 */     printf("ipp: 0x%lx, *ipp: 0x%lx, **ipp: 0x%lx\n", ipp, *ipp, **ipp);
/* Line 23 */     printf("\n");
/* Line 24 */     printf("a1: 0x%lx, *a1: 0x%lx\n", a1, *a1);
/* Line 25 */
/* Line 26 */     a1 += 4;
/* Line 27 */     *a1 = 500;
/* Line 28 */
/* Line 29 */     for (i = 0; i < 10; i++) {
/* Line 30 */         printf("%d ", array[i]);
/* Line 31 */     }
/* Line 32 */     printf("\n");
/* Line 33 */ }

```

First line of output:  
ip: 0xeffff9fc, &ip: 0xeffff9cc, array: 0xeffff9d0

0xeffff9cc	
0xeffff9d0	
0xeffff9d4	
0xeffff9d8	
0xeffff9dc	
0xeffff9e0	
0xeffff9e4	

0xeffff9e8	
0xeffff9ec	
0xeffff9f0	
0xeffff9f4	
0xeffff9f8	
0xeffff9fc	
0xeffffa00	