**Question 1).**

#include <stdio.h>

Int main(){

int b[4] = {2, 4, 2, 8}

int \*p = &b[0], \*q, \*r;

\*q = p +1;

\*r = p +2;

**Question 2).**

a). true

b). true

c). FALSE 🡪 compile error. Comparing a pointer to an array. Needs a cast.

d). true

e). true

f). true

g). true

h). true

i). true

j). FALSE 🡪 runtime error. False equality. This expersion evaluates to 4 not 2.

**Question 3).**

A).

Position 1:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| b | 12 | 13 | 14 | 15 |
| u = 20 | | v = 30 | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| x | . | y | . | z | . |

B). Position 2:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| b | 12 | 13 | | ~~14~~  13 | ~~15~~  20 |
| u = ~~20~~ 21 | | | v = 30 | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| x | . | y | . | z | . |