HW2.6. Pointers

Consider the following code:

```c
int main () {
    int x[5];
    x[0] = 254; x[1] = 649; x[2] = 971; x[3] = 1678;
    unsigned char *y = (unsigned char*) x;
    // we'll run some print statements here
}
```

We'll assume the following:

* the address of x's first element is `0x1868`

* sizeof(char) == 1; sizeof(int) == 4;

* this computer is [big-endian](#)

Fill in the blank with the printed value.

If the value printed is uncertain, enter "garbage". If this program would cause a compile-time error or the behavior is uncertain, enter "n/a".

Q1.1: `printf("%p\n", x);`

Q1.2: `printf("%d\n", *(x+1));`

Q1.3: `printf("%d\n", x[2]);`

Q1.4: `printf("%d\n", x[4]);`

Q1.5: `printf("%p\n", x+9);`

Q1.6: `printf("%p\n", &x);`

Q1.7: `printf("%d\n", x[15]);`

Q1.8: `printf("%d\n", *y);`

Q1.9: `printf("%d\n", *(y+3));`

Save & Grade   *20 attempts left*   Save only   *Additional attempts available with new variants* ⓘ