

## Exercise 2.21

```
1  int i = 0;
```

(a) **double** \*dp = &i;

(b) **int** \*ip = i;

(c) **int** \*p = &i;

(a) is illegal. Pointer's type does not match object's type.

(b) is illegal. Cannot assign i to pointer directly. Need to dereference i first and assign the address of i to pointer ip.

(c) is legal.