Exercise Age Pointer

- Complete the ***skeleton code*** using pointer and dereference operator.
  Add a line of code after comment **// ... ... :**
- It simply reads an age, which an integer,
  and then simply display what was the age 5 years ago.
- Test case 1 :

  Input:

  ```
  25
  ```

  Output:

  ```
  You are now 25 years old
  Five years ago, you are 20 years old
  ```

Exercise Age Pointer Skeleton Code

you can copy paste this skeleton code into Codecast, complete and test it there, and then copy paste to ***complete the skeleton code***

```
#include <stdio.h>
int main() {
    int age;
    // declare an integer pointer named ageptr :

    scanf("%d", &age);
    // store the address of age in ageptr :

    printf("You are now %d years old\n", * ageptr);
    // using only ageptr, lower the age by 5 years :

    printf("Five years ago, you are %d years old\n", * ageptr);
    return 0;
}
```

WARNING: Hints to the exercise on the next slide

Please try to solve the exercise by yourself first...

Exercise Age Pointer Hints

- Declare with type: pointer to integer variable, i.e., int *
- Use addressing operator & on age, store age's address in ageptr
- Use dereferencing operator * on ageptf twice,
  - to access the value pointed by ageptr, (and then reduce by 5,)
  - to update the value pointed by ageptr