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Q.5 WAP using ternary operator, the user should input the length and breadth of a rectangle, one has to find out which rectangle has the highest perimeter. The minimum number of rectangle should be three.

```
#include <stdio.h>
int main() {
    int l1, b1, l2, b2, l3, b3;
    int P1, P2, P3, max;

Printf ("Enter length & breadth of rectangle 1: ");
Scanf ("%d %d", &l1, &b1);

Printf ("Enter length & breadth of rectangle 2: ");
Scanf ("%d %d", &l2, &b2);

Printf ("Enter length & breadth of rectangle 3;");
Scanf ("%d %d", &l3, &b3);

    P1 = 2 * (l1 + b1);
    P2 = 2 * (l2 + b2);
    P3 = 2 * (l3 + b3);
max = (P1 > P2) ? ((P1 > P3) ? P1 : P3) : (P2 > B3)
                ? P2 : P3);
    if (max == P1)
Printf ("Rectangle 1 has highest perimeter = %d \n",
                                        max);
```

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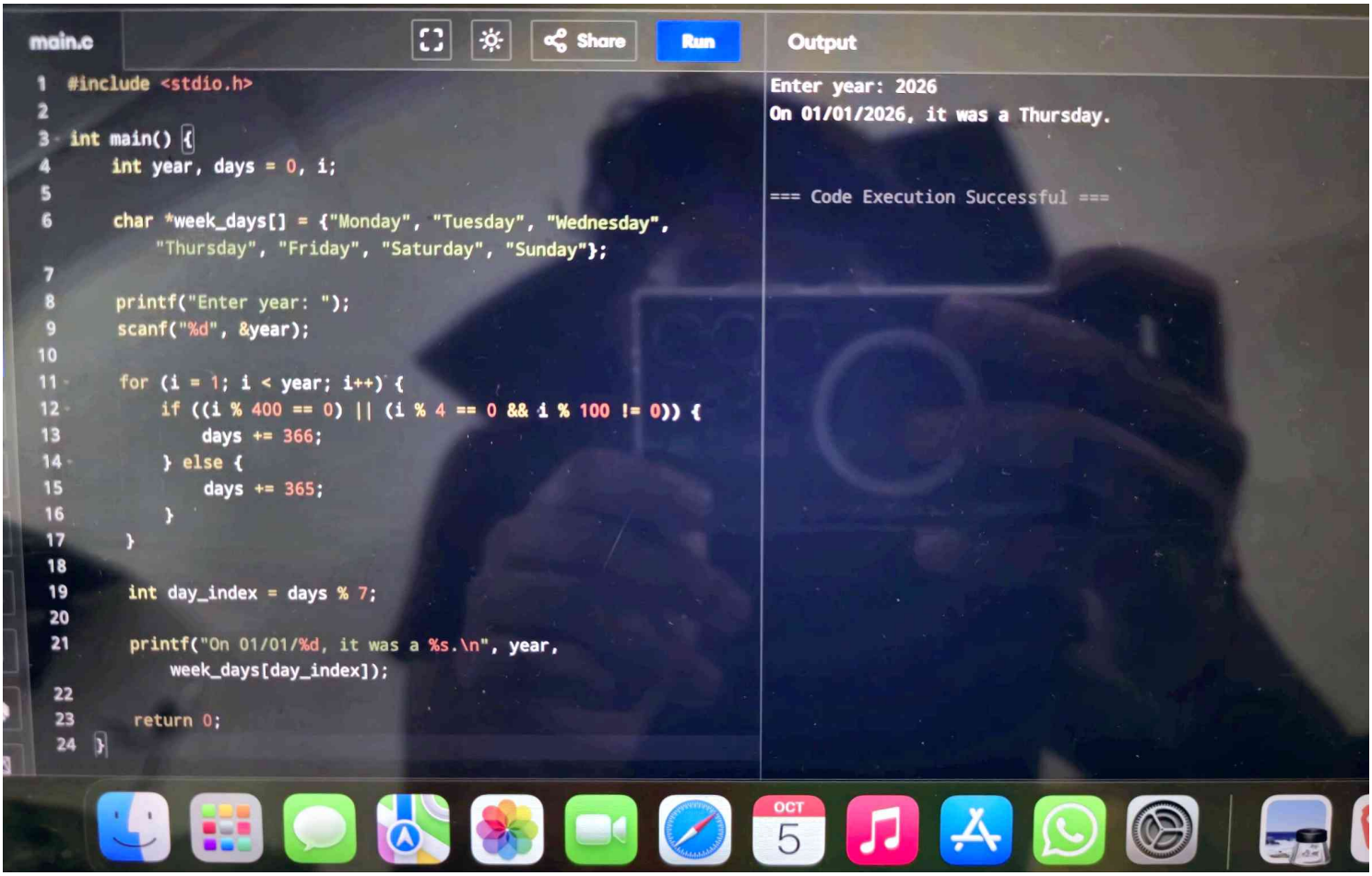
```
else if (max == P2)
Printf ("Rectangle 2 has highest perimeter = %.d \n",
                                              max);

else
Printf ("Rectangle 3 has highest perimeter = %.d \n",
                                              max);
  return 0;
}
```

Remarks:


main.c
Share
Run
Output
#include <stdio.h>
int main() {
int year, days = 0, i;
char *week_days[] = {"Monday", "Tuesday", "Wednesday",
"Thursday", "Friday", "Saturday", "Sunday"};
printf("Enter year: ");
scanf("%d", &year);
for (i = 1; i < year; i++) {
if ((i % 400 == 0) || (i % 4 == 0 && i % 100 != 0)) {
days += 366;
} else {
days += 365;
}
}
int day_index = days % 7;
printf("On 01/01/%d, it was a %s.\n", year,
week_days[day_index]);
return 0;
}
Enter year: 2026
On 01/01/2026, it was a Thursday.
=== Code Execution Successful ===
OCT
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