

```

1  export const wageCalculator = (
2    year: number,
3    workDays: string[],
4    workLevel?: string
5  ): number => {
6    let totalWage = 0;
7
8    workDays.forEach((day) => {
9      switch (day) {
10       case "mon":
11         totalWage += 100;
12         break;
13
14       case "tue":
15         if (workLevel === "director") {
16           totalWage += 110;
17         } else if (workLevel === "manager") {
18           totalWage += 90;
19         } else {
20           totalWage += 80;
21         }
22         break;
23
24       case "wed": break;
25       case "thu":
26         totalWage += 70;
27         break;
28
29       case "fri":
30         if (!workLevel || workLevel === "") {
31           totalWage += 120;
32         }
33         totalWage += 90;
34         break;

```

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35
36       case "sat": break;
37       case "sun":
38         totalWage += 200;
39         break;
40
41       default:
42         break;
43     }
44   });
45
46   const isLeapYear = (year % 4 === 0 && year % 100 !== 0) || year % 400 === 0;
47   if (isLeapYear) totalWage *= 1.2;
48
49   return totalWage;
50 };

```

