1、Using the program evaluation and review technique to calculate the probability the project can be finished before 70 days.



|  |  |  |  |
| --- | --- | --- | --- |
| activity | Optimistic time | Realistic time | Pessimistic time |
| 1 | 4 | 5 | 8 |
| 2 | 4 | 6 | 9 |
| 3 | 6 | 9 | 13 |
| 4 | 10 | 12 | 18 |
| 5 | 5 | 7 | 9 |
| 6 | 11 | 12 | 14 |
| 7 | 9 | 10 | 15 |
| 8 | 4 | 6 | 8 |
| 9 | 7 | 10 | 13 |
| 10 | 8 | 9 | 14 |
| 11 | 4 | 7 | 8 |
| 12 | 6 | 8 | 12 |
| 13 | 6 | 7 | 10 |
| 14 | 3 | 5 | 9 |