1 预习目标 (对应课程目标1)

1.1对这门课的期望

*Python语言是当今的热门语言，而我还没有对其进行深入的了解，想要以此课程为契机了解一下python这门语言。*

1.2对人工智能的理解

*个人的理解是机器去代替人做选择，对数据进行选择性的传输。*

1.3预习计划

*预习python及其基本的一些语法，此外进一步了解一下人工智能有关的一些知识。*

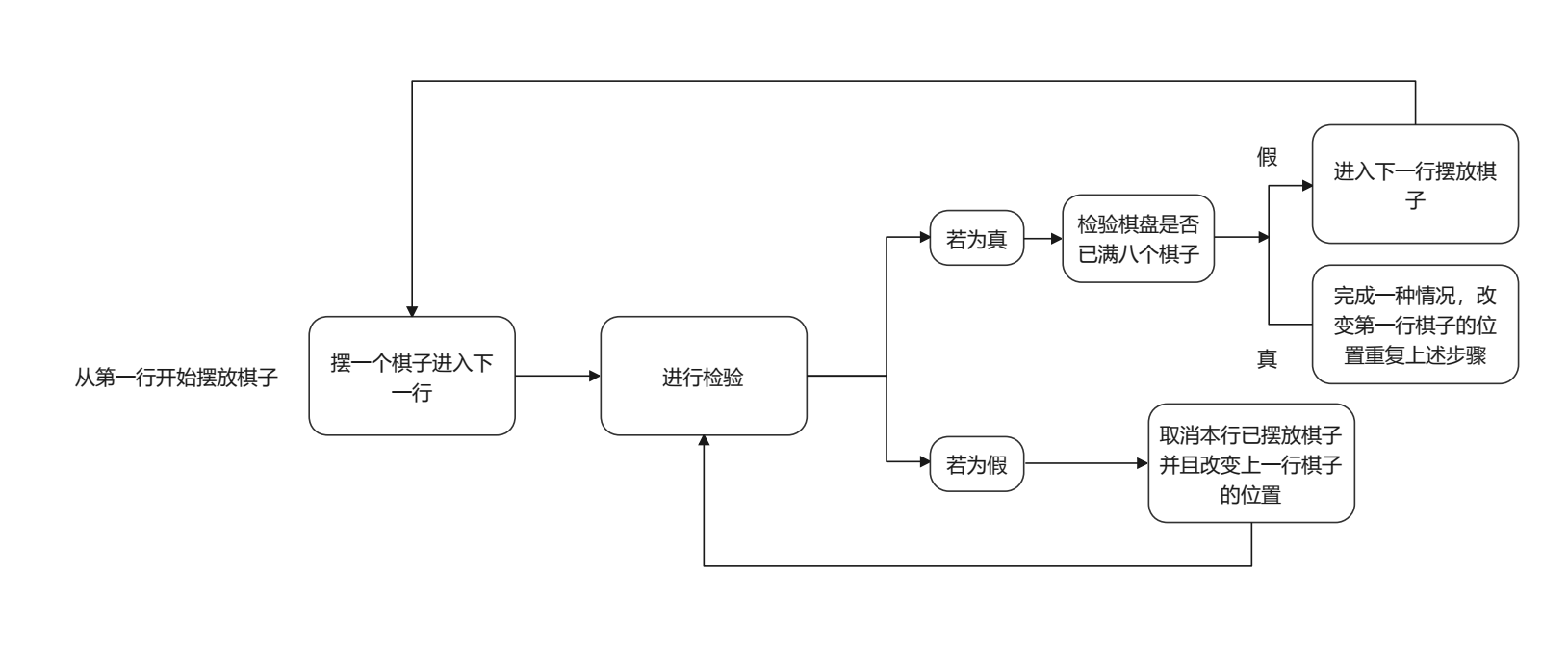
2 预习项目设计(对应课程目标2，3)

3.1 项目选题

*我选择利用python实现“八皇后”，即在一个8x8的国际象棋棋盘上面摆放八个皇后并且使其互不影响，即既不同行同列，也不在同一对角线上面，用的是pycharm。*

3.2 程序设计

*利用回溯的方法进行程序设计，具体流程如下图：*



3.3 运行结果

(0, 0) (1, 4) (2, 7) (3, 5) (4, 2) (5, 6) (6, 1) (7, 3)

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total case = 92

一共92种情况，以上为每一种的坐标

3 预习总结

*学习了python的一些基本语法，同时运用到了递归调用。*

附件2 课程预习报告评分表

|  |  |  |  |
| --- | --- | --- | --- |
| 过程要素 | 评分依据 | 分值 | 得分 |
| 1、对课程的过程和收获期望清晰、合理，选课动机明确 (6分) | （1）能够明确的给出对课程学习过程和学习结果的期望，同时期望合理，符合课程主题、符合课程学时，与预习作业要求匹配，选课动机明确 | 6 |  |
| （2）能够给出对课程学习过程和学习结果的期望，同时期望较为合理，大概符合课程主题或课程学时或与预习作业要求匹配，选课主动 | 4 |
| （3）给出的期望不太合理，选课动机不明确 | 2 |
| （4）期望完全无法匹配课程，随机或被动选课 | 0 |
| 2、预习计划明确，工作量充足，对预习作业中的要求能够满足，能够支撑掌握Python的基本使用技巧 (6分) | （1）预习计划明确，工作量充足，对预习作业中的要求能够满足，包含了基本的Python工具使用和语言使用，有最终作品计划 | 6 |  |
| （2）计划一般明确，工作量比较充足，包含工具和语言使用，有最终作品计划 | 4 |
| （3）计划随意，工作量不足，工具语言有但不明确，没有最终作品计划 | 2 |
| （4）没有表述 | 0 |
| 3、Python基础知识掌握(6分) | （1）对关键的python基本概念有正确的描述，关键知识点较为全面 | 6 |  |
| （2）对关键的python基本概念有基本正确的描述，关键知识点不全面 | 4 |
| （3）知识点描述不正确，基本不包含关键基本概念 | 2 |
| （4）没有表述 | 0 |
| 4、预习项目设计合理(6分) | （1）预习项目工作量饱满，技术含量高，选题合理，充分运用了预习的知识点 | 6 |  |
| （2）预习项目工作量较为饱满，有一定技术含量，选题一般，运用了预习的知识点 | 4 |
| （3）预习项目工作量不饱满，基本没有技术含量，选题一般，运用预习知识点很少 | 2 |
| （4）没有表述 | 0 |
| 5、对预习过程有中学到的知识有明确的认识(6分) | （1）明确知道自己已经学到了哪些内容，可以完成哪些任务，对未来学习有明确计划和期望目标 | 6 |  |
| （2）对自己学到的知识认识不准确，但是对未来学习有明确的计划和期望 | 4 |
| （3）对自己学到的知识认识不准确，对未来学习有计划和期望，但不太合理 | 2 |
| （4）没有表述 | 0 |
| 总分 |  |  |  |
| 评 语  批阅签名： | | | |