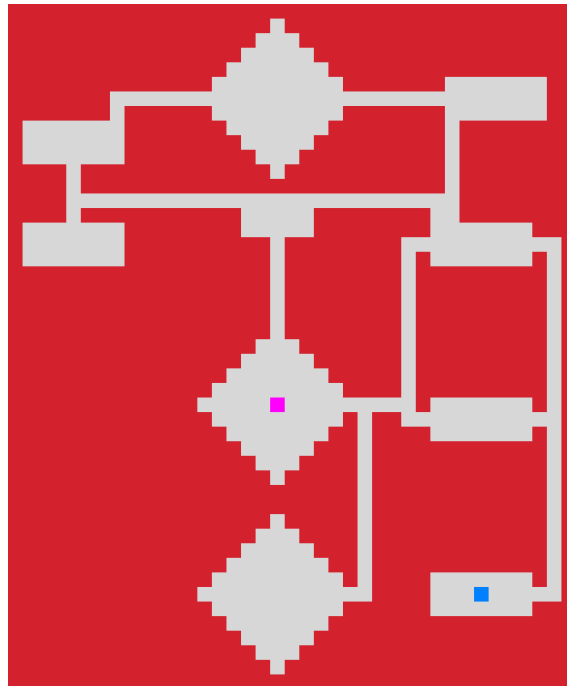# Part 1

Task 1

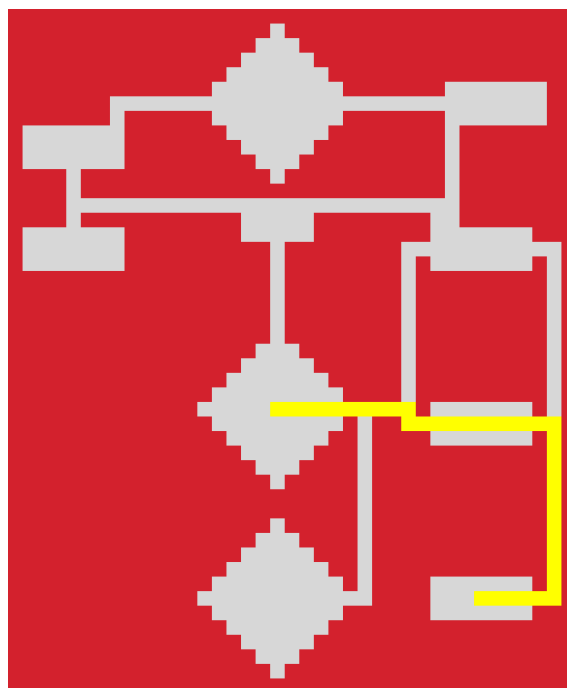Figure 1: Task 1 grid with start and end points.

Figure 2: Task 1 grid with visualization of the shortest path.

Task 2
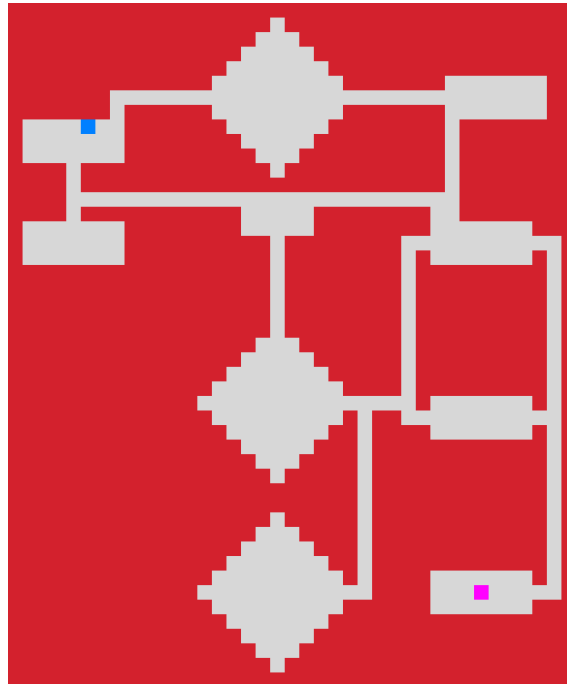

Figure 3: Task 2 grid with start and end points.

Figure 4: Task 2 grid with visualization of the shortest path.

Part 2

Task 3

Figure 5: Task 3 grid with start and end points.

Figure 6: Task 3 grid with visualization of the shortest path.

Task 4
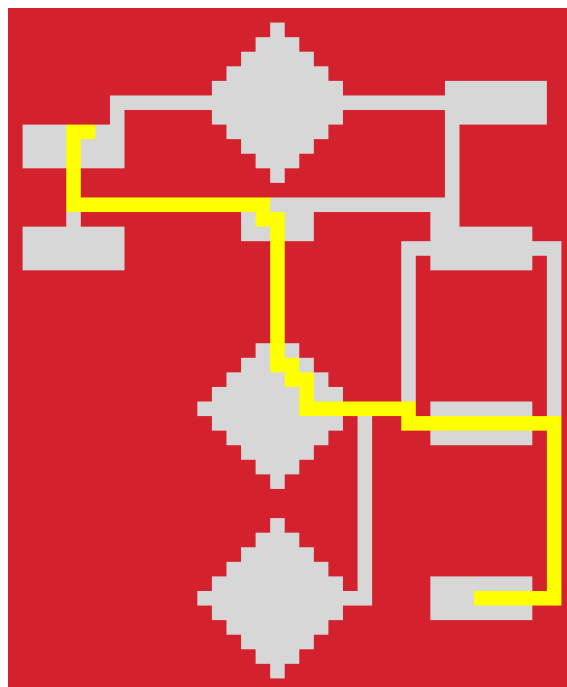

Figure 7: Task 4 grid with start and end points.

Figure 8: Task 4 grid with visualization of the shortest path.