```
def job_sequencing(jobs):
    jobs.sort(key=lambda x: x[2], reverse=True)
    max_deadline = max(deadline for _, deadline, _ in jobs)
    slots = [None] * (max_deadline + 1)
    scheduled = []
    total_profit = 0
    for job_id, deadline, profit in jobs:
        for t in range(min(deadline, max_deadline), 0, -1):
            if slots[t] is None:
                slots[t] = job_id
                scheduled.append((job_id, deadline, profit, t))
                total_profit += profit
                break
    return scheduled, total_profit

def main():
    n = int(input("Enter number of jobs: "))
    jobs = []
    print("Enter each job in format: job_id deadline profit")
    for i in range(n):
        parts = input(f"Job {i+1}: ").split()
        job_id = parts[0]
        deadline = int(parts[1])
        profit = int(parts[2])
        jobs.append((job_id, deadline, profit))

    scheduled, max_profit = job_sequencing(jobs)
    print("\nScheduled jobs (job_id, deadline, profit, slot_assigned):")
    for sj in scheduled:
        print(sj)
    print("Maximum profit:", max_profit)

if __name__ == "__main__":
    main()
```