

Title	Year	Description	Gendre	Produced by	Release date	Status	Name	Born	Place of birth
The Bourne Ultimatum	2007	Jason Bourne	Action, My	Universal Pictur	4 August 2007	Released	Paul Greengrass (Director)	13.8.1955	Cheam, UK
The Bourne Ultimatum	2007	Jason Bourne	Action, My	Universal Pictur	4 August 2007	Released	Patrick Crowley (Producer)		
The Bourne Ultimatum	2007	Jason Bourne	Action, My	Universal Pictur	4 August 2007	Released	Tony Gilroy (Writer)	9.11.1956	N.Y, USA
The Bourne Ultimatum	2007	Jason Bourne	Action, My	Universal Pictur	4 August 2007	Released	Scott Z. Burns		
The Bourne Ultimatum	2007	Jason Bourne	Action, My	Universal Pictur	4 August 2007	Released	George Nolfi (Writer)		Boston, USA
The Bourne Ultimatum	2007	Jason Bourne	Action, My	Universal Pictur	4 August 2007	Released	Matt Damon (Actor	8.10.1970	Boston, USA
The Bourne Ultimatum	2007	Jason Bourne	Action, My	Universal Pictur	4 August 2007	Released	Julia Stiles (Actress)	28.3.1981	N.Y, USA
The Bourne Ultimatum	2007	Jason Bourne	Action, My	Universal Pictur	4 August 2007	Released	David Strathairn (Actor)	26.1.1949	San Francisco, USA
Jason Bourne	2016	The CIA's mc	Action, Thr	Universal Pictur	29 July 2016	Released	Paul Greengrass (Director)	13.8.1955	Cheam, UK
Jason Bourne	2016	The CIA's mc	Action, Thr	Universal Pictur	29 July 2016	Released	Patrick Crowley (Producer)		
Jason Bourne	2016	The CIA's mc	Action, Thr	Universal Pictur	29 July 2016	Released	Paul Greengrass (Writer)	9.11.1956	N.Y, USA
Jason Bourne	2016	The CIA's mc	Action, Thr	Universal Pictur	29 July 2016	Released	Christopher Rouse(Writer)	28.9.1958	L.A, USA
Jason Bourne	2016	The CIA's mc	Action, Thr	Universal Pictur	29 July 2016	Released	Matt Damon (Actor	8.10.1970	Boston, USA
Jason Bourne	2016	The CIA's mc	Action, Thr	Universal Pictur	29 July 2016	Released	Julia Stiles (Actress)	28.3.1981	N.Y, USA
Jason Bourne	2016	The CIA's mc	Action, Thr	Universal Pictur	29 July 2016	Released	Alicia Vikander (Actress)	3.10.1988	Göteborg, Sweden
The Hunger Games	2012	Katniss Everc	Action, Adv	Lionsgate. Colo	23 March 2012	Released	Gary Ross (Director)	3.11.1956	L.A, USA
The Hunger Games	2012	Katniss Everc	Action, Adv	Lionsgate. Colo	23 March 2012	Released	Patrick Crowley (Producer)		
The Hunger Games	2012	Katniss Everc	Action, Adv	Lionsgate. Colo	23 March 2012	Released	Gary Ross (Writer)	3.11.1956	L.A, USA
The Hunger Games	2012	Katniss Everc	Action, Adv	Lionsgate. Colo	23 March 2012	Released	Suzanne Collins (Writer)	10.8.1962	Hartford, USA
The Hunger Games	2012	Katniss Everc	Action, Adv	Lionsgate. Colo	23 March 2012	Released	Billy Ray(Writer)		
The Hunger Games	2012	Katniss Everc	Action, Adv	Lionsgate. Colo	23 March 2012	Released	Billy Ray(Writer)	15.8.1990	Louisville, USA
The Hunger Games	2012	Katniss Everc	Action, Adv	Lionsgate. Colo	23 March 2012	Released	Wes Bentley (Actor)	4.9.1978	Jonesboro, USA
The Hunger Games	2012	Katniss Everc	Action, Adv	Lionsgate. Colo	23 March 2012	Released	Stanley Tucci(Actor)	11.11.1960	Peekskill, USA
Ant-Man and the Wasp: Qu	2023	Scott Lang ar	Action, Adv	Marvel Studios.	17 February, 202	In production	Peyton Reed (Director)	3.7.1964	Raleigh, North Carolina, USA
Ant-Man and the Wasp: Qu	2023	Scott Lang ar	Action, Adv	Marvel Studios.	17 February, 202	In production	Stephen Broussard (Producer)		
Ant-Man and the Wasp: Qu	2023	Scott Lang ar	Action, Adv	Marvel Studios.	17 February, 202	In production	Kevin Feige (Producer)	2.6.1973	Boston, Massachusetts, USA
Ant-Man and the Wasp: Qu	2023	Scott Lang ar	Action, Adv	Marvel Studios.	17 February, 202	In production	Jack Kirby (Writer)	28.8.1917	N.Y, USA
Ant-Man and the Wasp: Qu	2023	Scott Lang ar	Action, Adv	Marvel Studios.	17 February, 202	In production	Jeff Loveness (Writer)		
Ant-Man and the Wasp: Qu	2023	Scott Lang ar	Action, Adv	Marvel Studios.	17 February, 202	In production	Paul Rudd (Actor)	6.4.1969	Passaic, New Jersey, USA
Ant-Man and the Wasp: Qu	2023	Scott Lang ar	Action, Adv	Marvel Studios.	17 February, 202	In production	Evangeline Lilly (Actress)	3.8.1979	Fort Saskatchewan, Alberta, Canada
Ant-Man and the Wasp: Qu	2023	Scott Lang ar	Action, Adv	Marvel Studios.	17 February, 202	In production	Jonathan Majors (Actor)	7.9.1989	Lompoc, California, USA
Ant-Man and the Wasp: Qu	2023	Scott Lang ar	Action, Adv	Marvel Studios.	17 February, 202	In production	Kathryn Newton (Actress)	8.2.1997	Orlando, Florida, USA
Ant-Man and the Wasp: Qu	2023	Scott Lang ar	Action, Adv	Marvel Studios.	17 February, 202	In production	Michelle Pfeiffer (Actress)	29.4.1958	Santa Ana, California, USA

GENRE			PRODUCED BY	
Title	Gendre		Title	Produced by
The Bourne Ultimatum	Action		The Bourne Ultimatum	Universal Pictures
The Bourne Ultimatum	Mystery		The Bourne Ultimatum	Motion Picture
The Bourne Ultimatum	Thriller		The Bourne Ultimatum	BETA Produktionsgesellschaft
Jason Bourse	Action		The Bourne Ultimatum	The Kennedy/Marshall Company
Jason Bourse	Thriller		Jason Bourne	Universal Pictures
The Hunger Games	Action		Jason Bourne	Perfect World Pictures
The Hunger Games	Adventure		Jason Bourne	The Kennedy/Marshall Company
The Hunger Games	Sci-Fi		The Hunger Games	Lionsgate
Ant-Man and the Wasp: Quantumania	Action		The Hunger Games	Color Force
Ant-Man and the Wasp: Quantumania	Adventure		Ant-Man and the Wasp: Quantumania	Marvel Studios
Ant-Man and the Wasp: Quantumania	Comedy		Ant-Man and the Wasp: Quantumania	Truenorth Productions
			Ant-Man and the Wasp: Quantumania	Walt Disney Pictures
1.C	YES:	1,2,3,4,6,8,12,13,14		
	NO:	5,7,9,10,11, 15		
1.D	Partial:	4,5,6,7		
	Transitive:	8,9,10,11		
1.E				
Title ->year, description				
Title, release date -> status, name, born, place of birth				
1.F				
no transitive dependencies				

$B \rightarrow E$	no
$C \rightarrow A$	yes
$A \rightarrow E$	no
$B \rightarrow D$	no
$C, D \rightarrow B$	yes
$A, B \rightarrow D$	no

3.A PK: Student_ID + course

3.B

partial	partial	partial	none	full	partial
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4.A - 2NF

4.B - 1NF

4.C - 2NF

4.D 2NF