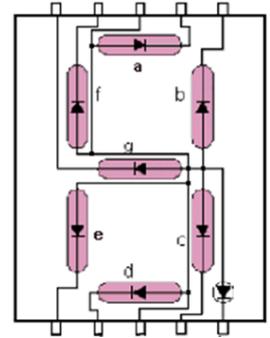
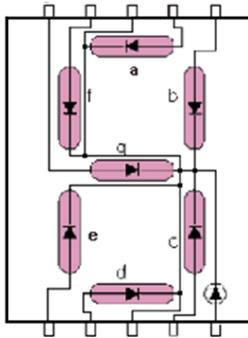
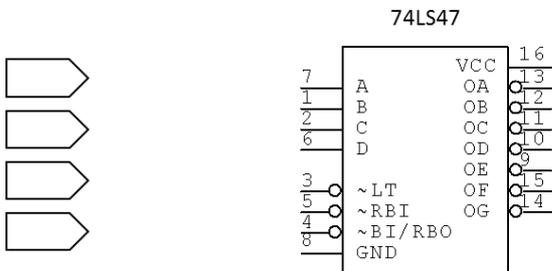


TELECOMUNICAZIONI - ESERCIZI DI PREPARAZIONE AL COMPITO

UTILIZZO DEL DISPLAY A 7 SEGMENTI

ESERCIZIO 1.1: Collega opportunamente i componenti per visualizzare il numero "7" su uno dei display. Sarà necessario impostare i valori (0 o 1) dei quattro ingressi, inserire le alimentazioni e scegliere il giusto display in base al tipo di decoder. Utilizza la tabella di verità sottostante per comprendere il significato di ogni piedino.



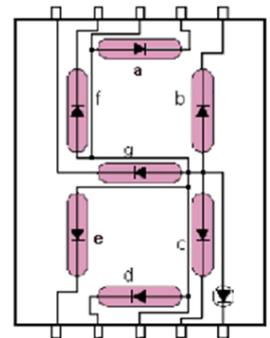
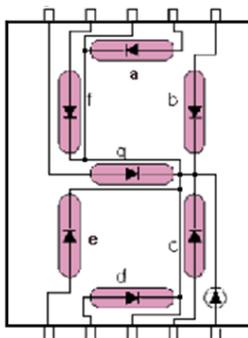
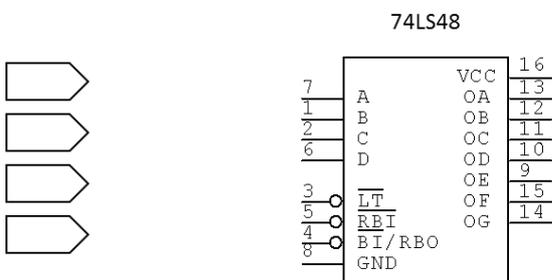
74LS47 TRUTH TABLE

DECIMAL OR FUNCTION	INPUTS				OUTPUTS									
	LT	RBI	D	C	B	A	BI/RBO	a	b	c	d	e	f	g
0	H	H	L	L	L	L	H	L	L	L	L	L	L	H
1	H	X	L	L	L	H	H	H	L	L	H	H	H	H
2	H	X	L	L	H	L	H	L	L	H	L	L	H	L
3	H	X	L	L	H	H	H	L	L	L	L	H	H	L
4	H	X	L	H	L	L	H	H	L	L	H	H	L	L
5	H	X	L	H	L	H	H	L	H	L	L	H	L	L
6	H	X	L	H	H	L	H	H	H	L	L	L	L	L
7	H	X	L	H	H	H	H	L	L	L	H	H	H	H
8	H	X	H	L	L	L	H	L	L	L	L	L	L	L
9	H	X	H	L	L	H	H	L	L	L	H	H	L	L
10	H	X	H	L	H	L	H	H	H	L	L	L	H	L
11	H	X	H	L	H	H	H	H	L	L	H	H	L	L
12	H	X	H	H	L	L	H	H	L	H	H	H	L	L
13	H	X	H	H	L	H	H	L	H	H	L	H	L	L
14	H	X	H	H	L	L	H	H	H	L	L	L	L	L
15	H	X	H	H	H	H	H	H	H	H	H	H	H	H
BI	X	X	X	X	X	X	L	H	H	H	H	H	H	H
RBI	H	L	L	L	L	L	L	H	H	H	H	H	H	H
LT	L	X	X	X	X	X	H	L	L	L	L	L	L	L

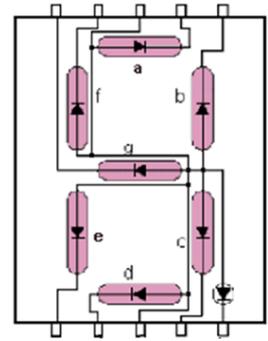
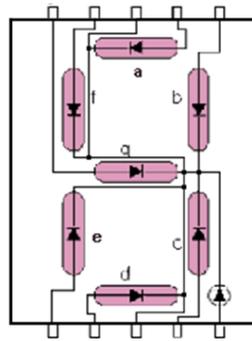
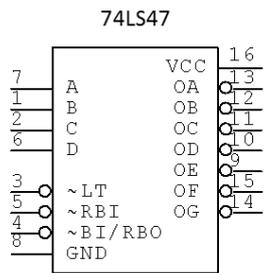
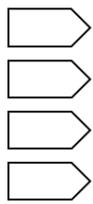
74LS48 TRUTH TABLE

DECIMAL OR FUNCTION	INPUTS				OUTPUTS									
	LT	RBI	D	C	B	A	BI/RBO	a	b	c	d	e	f	g
0	H	H	L	L	L	L	H	H	H	H	H	H	L	L
1	H	X	L	L	L	H	H	L	H	L	L	L	L	L
2	H	X	L	L	H	L	H	H	H	L	H	H	L	H
3	H	X	L	L	H	H	H	H	H	H	L	L	L	H
4	H	X	L	H	L	L	H	L	H	L	L	L	H	H
5	H	X	L	H	L	H	H	H	L	H	H	L	H	H
6	H	X	L	H	H	L	H	H	H	L	H	H	H	H
7	H	X	L	H	H	H	H	H	H	L	L	L	L	L
8	H	X	H	L	L	L	H	H	H	H	H	H	H	H
9	H	X	H	L	L	H	H	H	H	L	L	L	L	H
10	H	X	H	L	H	L	H	L	L	L	H	H	L	H
11	H	X	H	L	H	H	H	L	L	H	H	L	L	H
12	H	X	H	H	L	L	H	L	L	L	L	L	H	H
13	H	X	H	H	L	H	H	L	L	L	L	L	L	H
14	H	X	H	H	H	L	H	L	L	L	H	H	H	H
15	H	X	H	H	H	H	H	L	L	L	L	L	L	L
BI	X	X	X	X	X	X	L	L	L	L	L	L	L	L
RBI	H	L	L	L	L	L	L	L	L	L	L	L	L	L
LT	L	X	X	X	X	X	H	H	H	H	H	H	H	H

ESERCIZIO 1.2: Agisci come nell'esercizio precedente, questa volta per visualizzare il numero "5".



ESERCIZIO 1.3: Agisci come nell'esercizio precedente, questa volta per visualizzare una "c".



ESERCIZIO 1.4: Agisci come nell'esercizio precedente, questa volta per visualizzare lo schermo nero.

