Wydruk tablicy W17:	Index: 8	Wydruk tablicy D17:	Index: 9	Wydruk tablicy S17:	Index: 8
	like		project		accepts
Index: 0	changed		Apple	Index: 0	
			actually	mostly	Index: 9
	Index: 9			changed	compiler
	options		Index: 10		most
	listed		for	Index: 1	der
version	here		mostly	GCC	version
			links	and	
	Index: 10			links	Index: 10
	gcc	Index: 3	Index: 11		Only
	remain		listed	Index: 2	below
			below	linked	
	Index: 11		both		Index: 11
same	are	Index: 4	like	Index: 3	project
			which		see
	Index: 12	version	may	Index: 4	
	the			for	Index: 12
	linked	Index: 5	Index: 12	both	gcc
		gcc	remain	which	here
	Index: 13			may	
	project		Index: 13		Index: 13
symbolic	actually		named	Index: 5	GNU
named				Apple	actually
	Index: 14		Index: 14		like
				Index: 6	
	Index: 15		Index: 15	are	Index: 14
	Only	compiler	here		useful
compiler	mostly			Index: 7	same
	may	same	Index: 16	remain	
Apple		changed	GNU	named	Index: 15
	Index: 16		accepts		the
Index: 7		Index: 8	linked		options
					Index: 16
					listed
					symbolic

Tablica haszująca	Liczba pustych list	Maksymalna długość listy	Średnia długość niepustych list
W17	4	6	2.61538
D17	2	6	2.26667
\$17	1	4	2.125
W1031	154	8	2.3512
D1031	158	8	2.36197
S1031	325	13	2.92068
W1024	148	8	2.3379
D1024	155	10	2.35673
\$1024	325	13	2.9299

Próba 1

Próba 2

Próba 3

	changed	
Index:		
Index:		
	Index:	11
	project	
may		
gcc		
	Index:	
	options	
	Index:	
	symboli	
	Index:	
compile		
Index:		
	actuall	
Index:	Index:	
Index:		

	project		compiler
	Apple		
	actually		
		changed	version
Index: 1	Index: 10		
	for	Index: 1	Index: 10
Index: 2	mostly		
	links		
Index: 3	Index: 11		Index: 11
	listed		project
	below		
	both		
Index: 4	like	Index: 3	Index: 12
	which		gcc
	may	Index: 4	
Index: 5	Index: 12		
gcc	remain		
options			
are	Index: 13		
	named	Index: 5	
		Apple	
symbolic	Index: 14		
			same
Index: 7	Index: 15		
	here		
		Index: 7	
	Index: 16		options
changed	GNU	named	
	accepts		
	linked		
			symbolic

Tablica haszująca	Liczba pustych list	Maksymalna długość listy	Średnia długość niepustych list
W17	1	4	2.125
D17	2	6	2.26667
\$17	1	4	2.125
W1031	143	8	2.32207
D1031	158	8	2.36197
\$1031	325	13	2.92068
W1024	131	7	2.29339
D1024	155	10	2.35673
\$1024	325	13	2.9299

Wydruk	tablicy	W17:	Index:	9
			below	
Index:				
project				
most				
Index:			are	
like				
			same	
Index:				
here			Index:	
version				
symboli				
Index:				
both			compile	
Index:				
options				
mostly			Index:	
Index:				
Apple				
			Index:	
Index:				
remain				
actuall				
which			may	
Index:			Index:	
links				
named				
Index:			changed	

Index: 0 Apple Index: 0 most	1	Wydruk	tablicy	D17:	project		Wydruk	tab
Changed Index: 10	ı	Index:			Apple		Index:	
Index: 1	ı	most			actual	Ly	mostly	
Index: 1	ı						changed	
Index: 2 mostly 6CC see links and links Index: 3 Index: 11 and listed Index: 2 the below linked both Index: 4 like Index: 3 Only which version may Index: 4 for Index: 5 Index: 12 both gcc remain which options may are Index: 13 Index: 6 Apple symbolic Index: 14 Index: 5 Index: 15 are compiler here der Index: 7 same Index: 7 same Index: 15 are changed GNU named Index: 8 CCC accepts Index: 8 CCC useful	ı	Index:	1			10		
see links and links Index: 3 Index: 11 and listed Index: 2 the below linked both Index: 4 like Index: 3 Only which version may Index: 3 for Index: 4 for Index: 12 both gcc remain which which options may are Index: 13 index: 5 Index: 13 index: 6 Apple symbolic Index: 6 Index: 14 Index: 6 Index: 7 Index: 15 compiler here	ı						Index:	
Compiler Compiler	ı	Index:	2				GCC	
Index: 3	ı	see					and	
and listed Index: 2 the below linked both Index: 4 Like Index: 3 Only which for Index: 5 Index: 12 both options may are Index: 13 Index: 6 Apple symbolic Index: 14 Index: 6 Index: 14 Index: 6 Index: 15 are compiler here der Index: 7 same Index: 16 remain changed GNU named accepts Index: 8 Linked Index: 8 GCC lindex: 8 GCC useful	ı						links	
the below linked both Index: 4	ı	Index:				11		
	ı						Index:	
Index: 4	ı						linked	
Only which version may Index: 4 Index: 5 Index: 12 both options named Index: 5 Index: 6 Index: 6 Index: 7 Index: 14 Index: 6 Index: 7 Index: 15 Index: 6 Index: 6 Index: 6 Index: 6 Index: 6 Index: 6 Index: 7 Index: 6 Index: 7 Index: 6 Index: 6 Index: 6 Index: 7 Index: 6 Index: 7 Index: 6 Index: 8 Index: 16 Index: 7 Index: 8	ı							
Nersion	ı	Index:					Index:	
Torust	ı							
Index: 5	ı	version					Index:	
gcc remain which options may are Index: 13 hamed Index: 5 Index: 6 Apple symbolic Index: 14 Index: 6 Index: 7 Index: 15 are compiler here Index: 7 same Index: 16 remain changed GNU named accepts Index: 8 linked Index: 8 GCC useful	ı						for	
may are may	ı	Index:			Index:	12	both	
are Index: 13 named Index: 5 Index: 6 Apple symbolic Index: 14 Index: 6 Index: 7 Index: 15 are compiler here der Index: 7 same Index: 16 changed GNU named accepts Index: 8 Linked Index: 8 GCC accepts Useful	ı	gcc			remain		which	
Index: 5 Index: 5 Index: 6 Index: 6 Index: 6 Index: 6 Index: 7 Index: 6 Index: 7 Index: 6 Index: 7 Index: 10 Index: 7 Index: 10	ı	options					may	
Index: 6 Apple symbolic Index: 14 Index: 6 Index: 7 Index: 6 are compiler here der Index: 7 same Index: 16 remain changed GNU named Index: 8 linked Index: 8 CCC accepts Useful	ı	are			Index:	13		
Index: 0	ı						Index:	
Index: 6 Index: 6 Index: 6 Index: 7 Index: 15 are Index: 7 Index: 7 Index: 7 Index: 7 Index: 7 Index: 7 Index: 8 Index: 9 In	ı						Apple	
Index: 7	ı	symboli				14		
Compiler here Index: 7	ı						Index:	
der Index: 7 same Index: 16 remain changed GNU named accepts Index: 8 linked Index: 8 GCC accepts useful	ı	Index:				15	are	
Same Index: 16 remain changed GNU named accepts Index: 8 linked Index: 8 GCC accepts useful	ı	compile						
changed GNU named accepts Index: 8 linked Index: 8 GCC accepts useful	ı						Index:	
accepts accepts Index: 8	ı	same				16	remain	
Index: 8 linked Index: 8 GCC accepts useful	ı	changed					named	
GCC accepts	1							
useful	1	Index:						
	ı						accepts	
	1							
	١							

yaruk	tablicy	\$17:	Index: 9
			compiler
hanged			
			gcc
			options
amed			
			Index: 16
			symbolic

Tablica haszująca	Liczba pustych list	Maksymalna długość listy	Średnia długość niepustych list
W17	1	5	2.125
D17	2	6	2.26667
S17	1	4	2.125
W1031	132	8	2.29366
D1031	158	8	2.36197
\$1031	325	13	2.92068
W1024	139	7	2.31412
D1024	155	10	2.35673
\$1024	325	13	2.9299

Wydruk ta	ablicy W17: Index: 8	Wydruk tablicy D17:		Wydruk tablicy S17:					Próba 4
			project		compiler				1 1004 4
Index: 0		Index: 0	Apple	Index: 0	most				
project		most		mostly	der				
here				changed	version				
same		Index: 1	Index: 10						
Apple				Index: 1	Index: 10				
may	Index: 9	Index: 2		GCC	Only				
		see		and	below				4
Index: 1				links		Tablica haszująca	Liczba pustych list	Maksymalna długość listy	Średnia długość niepustych list
options		Index: 3	Index: 11		Index: 11				0.03333
mostly	Index: 10	and		Index: 2	project	W17	5	6	2.83333
		the	below	linked	see				0.01115
Index: 2						D17	2	6	2.26667
are .	compiler	Index: 4		Index: 3	Index: 12	\$17	1	,	2.125
accepts	symbolic	Only			gcc	21/	ļ <u>.</u>	"	2.125
-		version		Index: 4	here	W4.074	144	8	2.32469
Index: 3	Index: 12	T-4 F		for		W1031] 144 I	° 	2.32409
T	gcc	Index: 5	Index: 12	both	Index: 13	D1031	158	8	2.36197
Index: 4		gcc		which	GNU	1 01001	1 120	°	2.30177
Index: 5	changed	options	Index: 13	may	actually	\$1031	325	13	2.92068
and		are 	named		like	1 21021] 323] 13	2.72008
below	Index: 13	Index: 6		Index: 5 Apple	 Index: 14	W1024	132	7	2.29596
remain	Index: 14	symbolic	Index: 14	App ce	useful	"1024 L	102	· · · · · · · · · · · · · · · · · · ·	2.27373
both	like			Index: 6	same	D1024	155	10	2.35673
actually	LIVE	Index: 7	Index: 15	are	5aiiic	DI027	133	1	2.03070
links	Index: 15	compiler	here		Index: 15	S1024	325	13	2.9299
	listed	der		Index: 7	the	L			21,2,1
Index: 6		same	Index: 16	remain	options				
	Index: 16	changed	GNU	named					
Index: 7	version		accepts		Index: 16				
Only	VCI 31011	Index: 8	linked	Index: 8	listed				
the		GCC		accepts	symbolic				
useful		useful							
named									

Średnie wyniki na podstawie czterech prób prezentują się w następujący sposób:

Tablica haszująca	Liczba pustych list	Maksymalna długość listy	Średnia długość nie- pustych list
W17	3	5	2.42468
D17	2	6	2.6667
S17	1	4	2.125
W1031	143	8	2.3229
D1031	158	8	2.36197
S1031	325	13	2.92068
W1024	138	7	2.31784
D1024	155	10	2.35673
S1024	325	13	2.9299

- Który z rozmiarów tablicy (1031 lub 1024) dawał lepsze wyniki?
- Dla 'W' lepszy wynik daje rozmiar 1024,
- dla 'D' w przypadku 1031 krótsza max lista, ale nieznacznie większa średnia długość niepustych list, dla 'S' lepiej wypada rozmiar 1031.
- Rozważając wszystkie trzy przypadki razem można stwierdzić, że korzystniejszy jest rozmiar 1031.
- Czy wybór rodzaju funkcji haszującej (W, D, S) wpływał na jakość wyniku? Wybór funkcji zdecydowanie wpływał na jakość wyniku, dla większych rozmiarów najkorzystniej wypada wbudowana funkcja hash, natomiast dla najmniejszego, w zależności od próby, również 'W' lub 'S'.