

	E501	Q502	E503	Q504	V505	R506	V507	N508	S509	L510	T511	H512	M513	V514	V515	V516	V517	D518	E519	S520	S521	Q522	D523	H524	A525	T526	A527	A528	L529	E530	E531	Q532	L533	K534	V535	L536	G537	D538	R539	V540	A541	N542	L543	Q544	R545	V546	T547	F548	D549	R550	V551	V552	L553	L554	Q555	D556	L557	L558	L559	K560	V561	Q562	R563	L564	T565	F566	E567	Q568	C569	L570	F571	S572	A573	V574	L575	S576	R577	K578	S579	L580	Q581	N582	K583	L584	M585	T586	T587	A588	F589	L589	S590	S591	L592	S593	Q594	L595	V596	K597	H598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597	K598	S599	L590	Q591	N592	K593	L594	M595	F596	L597	D598	A599	Q590	F591	N592	H593	A594	E595	N596	V597	S598	L599	Q590	T591	F592	S593	A594	L595	S596	T597
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